Well was converted to Gas injector
in unit as of [redacted]

Scout Report sent out	☑
Noted in the NID File	☑
Location map pinned	☐
Approval or Disapproval Letter	☐ IN UNIT
Date Completed, P. & A. or operations suspended	8-30-57
Pin changed on location map	☐
Affidavit and Record of A & P	☐
Water Shut-Off Test	☐
Gas-Oil Ratio Test	☐
Well Log Filed	[redacted] ☑

CONVERTED TO GAS INJECTION 9-10-62

STARTED INJECTING 10-15-62

Formation Tops

FILE NOTATIONS

Entered in N I D File ✓
Entered On S R Sheet ✓
Location Map Pinned ✓
Card Indexed ✓
I W R for State or Fee Land

Checked by Chief ✓
Copy N I D to Field Office ✓
Approval Letter ✓
Disapproval Letter

COMPLETION DATA:

Date Well Completed 8/30/57
OW ✓ WW TA
GW [redacted] OS PA

Location Inspected
Bond released
State of Fee Land

LOGS FILED

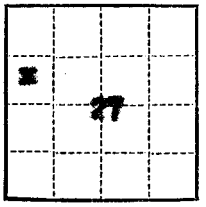
Driller's Log 11/21/57
Electric Logs (No.) 3

E ✓ I E-I GR ✓ GR-N Micro ✓
Lat. Mi-L Sonic Others

Completed & Water Injection - 10-9-62

Form 9-331a
(Feb. 1951)

Budget Bureau 42-R358.3.
Approval expires 12-31-55.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-0558
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	X	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah May 22, 1957

Well No. (#61) 12-27A is located 2034 ft. from {N/S} line and 689 ft. from {E/W} line of sec. 27

SW¼ NW¼ 27 (¼ Sec. and Sec. No.) 7 S (Twp.) 22 E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the ~~derrick floor~~ Kelley bushing above sea level is 5100 ft. Elev. is estimated. Exact elev. will be reported when available.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

It is proposed to drill a test well for oil or gas to be completed in the lower Green River formation.

18", 59.03#, Gr. B, Rg 3 conductor csg set @ 20' and cemented to surface.
10 3/4", 40.5#, J-55 casing set @ 225' and cemented to surface.
7" casing set below lowermost productive sands.

Est. top Green River	3150'
"H" Point	5210'
"F" Point	5850'

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455

Vernal, Utah

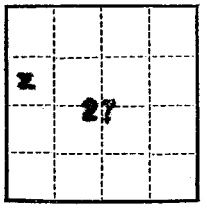
By J. T. Conley

Title District Superintendent

U. S. GOVERNMENT PRINTING OFFICE 16—8437-5

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-0558
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		Subsequent Report of Running Casing	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah May 24, 1957

Well No. (#61) 12-27A is located 2031 ft. from {N/S} line and 689 ft. from {E/W} line of sec. 27

SW¼ NW¼ 27 (¼ Sec. and Sec. No.) | 7 S (Twp.) | 22 E (Range) | Slbm (Meridian)

Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the K.B. floor above sea level is 5400 ft. Est.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Cemented 10 3/4", 40.5#, J-55 casing at 223' with 175 sax cem. 12 min mixing 175 sax Type I cement with 2% calcium chloride to 115.5 p.c.f. slurry. Displaced 18.5 bbl water in 5 min with cementers pumps to leave 35' cement in casing. Used one top rubber plug. Good circulation and good cement returns. Howco equipment. Cement in place 6:45 a.m.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Standard Oil Company of California, Western Operations, Inc.

Address P. O. Box 455

Vernal, Utah

By J. T. CROOKER

Title District Superintendent

U. S. GOVERNMENT PRINTING OFFICE 16—8437-5

"In lieu of Form 9-330"

COMPLETION REPORT -- NEW WELL

STANDARD OIL COMPANY OF CALIFORNIA

Noted Cat 11-25

FIELD: Red Wash PROPERTY: Section 27A

WELL NO: 12-27A (#61) Sec. 27 T. 7 S R. 22 E SL B. & M.

LOCATION: 2034' from N line and 689' from W line of Section 27.

ELEVATION: 5400' Est. K.B. K.B is 12' ' above mat.

DATE: October 21, 1957 By J. T. CROOKER
Manager, Producing Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

DATE COMMENCED DRILLING: May 23, 1957 DATE COMPLETED DRILLING: August 30, 1957

DATE OF INITIAL PRODUCTION: September 12, 1957

PRODUCTION: Daily average, 1st 30 days

Oil	104 Bbls.	Gravity	25.2 ° API	Pumping	X
Water	98 Bbls.	T. P.	150 PSI	Flowing	
Gas	106 Mcf.	C. P.	120 PSI	Gas Lift	
		Bean	/64"		

SUMMARY

TOTAL DEPTH: 6500'

CASING: 18" conductor cem @ 20'.
10 3/4", 40.5#, J-55, 8rd, S, Rge 3 cem @ 223'.
7", N-80 & J-55 cem @ 6499'.

Perf'd w/4 bullets per foot: 6352 - 6363, 6136 - 6148, 6035 - 6043(scabbed off), 5841 - 5857(scabbed off), 5628 - 5642.

LOGS RUN: Schlumberger ES & Microlog
Gamma Ray-collar Log

DRILL STEM TESTS:

DST #1 - 5615 - 5643'
DST #2 - 5821 - 5849'
DST #3 - 5860 - 5886'
DST #4 - 5898 - 5936'
DST #5 - 6134 - 6143'
DST #6 - 6028 - 6039'
DST #7 - 6354 - 6367'
DST #8 - 5922 - 5935'
DST #9 - 5516 - 5551'

W

Pro-318 (IM-1-55)
Printed in U.S.A.

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Kerr-McGee Oil Industries, Inc. moved in and rigged up May 23, 1957.

0 - 20' 16" conductor.

Spudded 9:15 P.M. 5/23/57.

Drilled 15" hole, 4½" F.H. Drill Pipe, water drilling fluid.

20 - 235' 215' Drilled.

May 24, 1957

Cemented 10 3/4", c&0.5#, J-55 casing at 223' with 175 sax cement. 12 min mixing 175 sax Type I cement with 2% calcium chloride to 115.5 p.c.f slurry. Displaced 18.5 bbl water in 5 min with cementers pumps to leave 35' cement in casing. Used one top rubber plug. Good circulation and good cement returns. Howco equip. Cement in place 6:45 A.M.

Casing Detail

5 jts	208'	10 3/4", 40.5#, J-55 8rd S Rge 3
Landed	15'	below K.B.
	223'	Depth of shoe

235' - 1043' 808' Drilled.

May 30, 1957

While drilling 3759' lost circulation. Pulled to 3719'. While mixing mud - pipe stuck. Regained circ. Worked pipe 5½ hrs. Full circ. Spotted 47 bbl Rangely crude and worked pipe 5 1/4 hours. Circ 1 hr. Ran McCullough free pt indicator. Free pt 12' below top D.C. or 3287'. Ran string shot and backed at top D.C. Ran McCullough jars, safety jt & bumper subs and 120' D.C. screwed into change over sub. Bumped & jarred on pipe 2½ hrs.

May 31, 1957

Bumped & jarred on pipe 16 hrs. No movement. Backed off top of drill collars. Ran 8 1/8" O.D. wash pipe. Washed over drill collars 95'.

June 1, 1957

Pulled out of hole. Ran jars & bumper sub. Screwed into fish. Ran magnetector. Ran string shot, backed off and recovered 3 drill collars. Ran wash pipe and washed over fish approximately 120'. Fish dropped to bottom. Pulled. Ran jars and bumper sub. Screwed into fish and recovered all of fish.

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

June 14, 1957

Core #1 - 5550 - 5639 - Rec. 89'

5550 - 5559 - Sh, brnsh gr oil sh, m btl, th strks ls
5559 - 5577 - Sltstn, lt gr, v hd, str sh aa, th strks ls,
5577 - 5579 - Sh, gr brn oil sh, v hd, th str ls
5579 - 5581 - Oolite, tn, m hd, dol mtx, tn flsn, no odor, or stn
5581 - 5590 - Sh, gr, m hd, sl washing
5590 - 5591 - Sltstn, lt gr, mott app, str brn gr sh
5591 - 5607 - Sh, dk gr, v hd, btl, th str ls; bcm m hd, washed @ 5597; @ 5603 bcm sh, brn, gr, hd, m btl, th str sltstn
5607 - 5610 - Sltstn, lt gr, v hd, str dk gr sh, mott app
5610 - 5610½ - Ss, lt gr, v hd, fg, calc, NSOF, ti
5610½ - 5615 - Sltstn aa,
5615 - 5624 - Sh, brn gr oil sh, v btl, fw th str sl
5624 - 5633 - Ss, dk gr, fg/mg, sr, brn oil stn, v fnt pet odor, yel tn flsn, fw scat pebs to 1/4", lmy at top; bcm brn gr, col pred fg @ 5628; bcms lt brn col, fg, at 5630
5633 - 5639 - Sltstn, lt gr, v hd, th str gr sh, mott app

Core #2 - 5639 - 5729 - Rec. 90'

5639 - 5647 - Sltst, & Sh, finely interbedded, coarsely reworked sltst, lt gr, hd; Sh, dk gr, m hd
5647 - 5653 - Oilstn ss, fg, sa/sr, lt gr wi lt brn stn, fair sort, fair pet odor, dull yel flsn, low/fair p&p,
5653 - 5666 - Sltst & Sh, aa; wi strs ti slty ss, aa
5666 - 5669 - Sh, blk, hd, p chip frac
5669 - 5674 - Sltst & sh, aa,
5674 - 5676 - Ss, lt gr, vfg, slty, sa/sr, fair sort, v lt oilstn, fnt odor, bri yel flsn, ti
5676 - 5684 - Sltst & Sh, aa, rare strs ti slty ss
5684 - 5688 - Sh, dk brn-blk, m hd, p chip frac
5688 - 5691 - Sh, aa, wi strs sltst
5691 - 5694 - Ss, dk gr, wi lt brn oil stn, fg, sa/sr, abd blk buckshot like oolites, fair pet odor, brick red flsn, low p&p, strs dk sh, aa
5694 - 5696 - Oolite, lt gr, fg, blk buchshot like oolites in calcite mtrx. (Has been called spherulite) ti, NSOF
5696 - 5711 - Sltst & sh, aa
5711 - 5716 - Ss, lt gr, vfg, slty, sa/sr, fair sort, lt tn oil stn, faint pet odor, bri yel flsn where stn, ti/low p&p
5716 - 5724 - Sltst & sh, aa
5724 - 5729 - Ss, vfg, s/r, clean, well sort, dk gr, abd vf blk oolites, wet perm, NSOF

Core #3 - 5729 - 5819 - Rec. 90'

5729 - 5733 - Ss, dk gr, fg, sa/sr, well sort, clean, wet, NSOF, excel p&p
5733 - 5756 - Sltst, m gr, hd, wi thi dk sh inlams, finely reworked
5756 - 5767 - Bcm pred Sh, dk gr-blk, m hd, poker chip frac

WELL NO.: I2-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #3 (cont'd)

5767 - 5769 - Sltst, m gr, hd
5769 - 5775 - Ss, vfg, slty, lt gr, sr, fair sort, patches very lt oil stn, fnt odor, yel flsn where stn, strs dk sh
5775 - 5785 - Grades to lt gr sltst, wi thin strs dk reworked sh
5785 - 5797 - Ss, lt gr, fg, sa/sr, fair sort, fair/excel perm, NSOF except in rare strs where lightly stn'd, tn, orange flsn
5797 - 5801 - Sh, dk gr-blk, m hd
5801 - 5816 - Ss, m gr, sr, clean, well sort, perm, wet, NSOF
5816 - 5817 - Ss, aa, bcm v hd, wi abd thi strs dk sh
5817 - 5819 - 2' not rec.

June 17, 1957

DST #1 - 1½ Hr. MFT of interval 5615 - 5643'. Set packers at 5610', 5615' and 5643', Howco jars and safety jt. Valve open 1½ hrs. Strong blow with gas to surface in 4 min, gradually decreased during test. Impact measurement approx 10 min after gas surfaced indicated 100 MCF/D rate. SI 30 min. Recovered 413' rise. Top 233' gassy, muddy oil, next 90' watery mud, bottom 90' muddy water, 1500 ppm Cl⁻. Oil tested 28.3° gravity, 88° Pour pt, cut 2.4% mud.

Pressures	IH	IF	FF	SI	FH
Top	2845	100	170	1710	2808
Middle	2840	95	165	1665	2828
Bottom	2800	Pkr held ok.			2800

Core #4 - 5820 - 5856 - Rec. 36'

5820 - 5837 - Sltstn, gr, v hd, sdy, v th str gr sh, mott app; sltstn aa, th str sh, vy mott app
5837 - 5846 - Ss, brn gr, fg, sr, cgl, brn oil stn, excel pet odor, tn flsn, str sh, sl mott app, free oil on lam fracs, poss from mud
5846 - 5853 - Sltstn, lt gr, th str gr sh, mott app
5853 - 5856 - Sh, dk gr, th str lt gr sltstn

Core #5 - 5856 - 5946 - Rec 90'

5856 - 5861 - Sltstn, dk gr, th str lt gr sltstn, hd, shly, good pkr seat; Sltstn, lt gr, str gr sh, mott app
5861 - 5866 - Ss, lt brn, fg, sr, even brn stn, strong carbide pet odor, bri tn flsn, str lt gr sltstn, vy th str gr sh, mott app
5866 - 5866½ - Sltstn, dk gr, shly
5866½ - 5870 - Ss, tn/lt brn, fg, sr, even brn stn, carbide pet odor, tn flsn, str gr sltst, spot dead oil
5870 - 5872 - Sh, gr, m hd, str gr sltst, sl mott app
5872 - 5876 - Ss, gr, fg, sr, perm, spot pet stn & tn flsn; 3" lt gr sltst; Ss, brn, fg, sr, even brn stn, carbide pet odor, tn flsn, spot gr sltst perm?

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #5 (cont'd)

5876 - 5880 - Ss, aa, abd str gr sltst, mott app; Ss, gr-brn, fg, sr, spot vcl oil stn, even tn flsn; 2" gr sltst, hd; Ss, lt gr grn, fg, sr, perm, NSOF, wet?
5880 - 5882 - Sltst, gr, v hd, sdy, fw spot brn oil stn, vy th str gr sh
5882 - 5888 - Ss, lt brn, fg, sr, even brn oil stn, str lt gr sltst, str gr sh
5888 - 5891 - Sltst, lt gr, th str dk gr sh, mott app
5891 - 5896 - Ss, gr, fg, sr, vy calc, abd foss, NSOF, ½" str oil at top, pkr o.k.
5896 - 5897 - Sh, gr, str lt gr sltst, str mg cgl ss, pkr ok.
5897 - 5899 - Sltst, gr, hd, fw str oil stn ss, pkr ok
5899 - 5902 - Ss, lt brn, fg, even oil stn, carbide pet odor, bri tn flsn
5902 - 5907 - Ss, aa, bcm dk brn, free oil in fracs; Ss, aa, bcm str gr sltst
5907 - 5908 - Sltst, gr, v hd
5908 - 5919 - Ss, brn, fg, gr, even brn stn, dull tn flsn, str lmy gr sltst, pet odor; Ss, brn, fg, sr, even brn stn, tn flsn, carbide pet odor; Ss, aa, bcm str gr sh & lt gr sltst,
5919 - 5921 - Sltst, lt gr, th str dk gr sh,
5921 - 5924 - Ss, brn, fg, sr, sl fri, even brn oil stn, carbide pet odor, tn flsn
5924 - 5926 - Sltst, lt gr, str dk gr sh
5926 - 5928 - Ss, aa,
5928 - 5940 - Sltst, lt gr, th str dk gr sh, mott app, str oil stn ss, aa,
5940 - 5948 - Sltst, lt gr, v hd, lmy, str ss, vfg, poss perm, NSOF

June 19, 1957

DST #2 - 1½ hr JFT. Set packers 5821', 5826' and 5849'. Valve open 1½ hrs, weak blow to very weak in 15 min. No gas to surface. Very weak heads remainder test. SI 30 min for pressure build up. Rec 94' of heavily oil cut mud. 10 - 15% free oil. Bottom chart indicates bottom packer held o.k.

Pressures	IH	IF	FF	SI	FH
Top	2990	60	65	75	2990
Middle	3000	50	55	65	3000

June 20, 1957

DST #3 - 1½ hr. test of interval 5860 - 5886'. Set packers at 5855', 5860' and 5886'. Valve open 1½ hrs, good blow. Gas to surface 20 minutes. Steady 120 MCF rate. SI 30 min. Recovered 178' gassy, slightly oily mud. Bottom chart o.k.

Pressures	IH	IF	FF	SI	FH
Top	2975	60	120	2285	2985
Middle	3000	30	90	2220	2950

Core #6 - 5949 - 6037' - Rec. 88'

5949 - 5950 - Sltst, lt gr, hd, wi strs dk reworked sh
5950 - 5952 - Ss, tn, vfg, sa/sr, fair sort, ti, NSOF
5952 - 5954 - Sltst, lt gr, hd, wi strs dk reworked sh
5954 - 5956 - Sltst, aa, fracs bleeding oil,
5956 - 5958 - Sh, dk brn, hd wi strs sltst, aa,
5958 - 5964 - Sltst, aa,
5964 - 5965 - Ss, lt gr wi spotty lt brn stn, vfg, well cem, ti,

WELL NO: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #6 (cont'd)

5965 - 5980 - Sltst & Sh, aa,
5980 - 5982 - Pred sh, dk brn, m hd
5982 - 5986 - Pred Sltst, aa,
5986 - 6014 - Ss, m gr, fg, sr, clean, well sort, abd vf blk buch shot ools, good/excel p&p, ti, NSOF; 1' Sh, aa, @ 5995
6014 - 6021 - Grades to Sltst, lt gr, hd wi thin reworked dk sh inlams, strs to 6", perm, ss, aa
6021 - 6023 - Sh, dk brn/blk, m hd
6023 - 6026 - Sltst, lt gr, hd, 3" strk slty oil stn ss near top
6026 - 6030 - Blk sh, aa; strs sltst
6030 - 6032 - Oolite, tn, vf osts & ools, dns, ti, NSOF
6032 - 6037 - Oilstn ss, lt gr wi lt brn stn, fg, sr, clean, well sort, excep P&p, dull yel flsn, fair pet odor

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Core # 7 - 6037 - 6127', Rec 90'

6037 - 6041 - Ss, m gr, salt & pepper, mg, sa/sr, well sort, com blk osts and buck-shot ools, good p&p, very little stn or odor but good even buff flsn
6041 - 6042 - Sltst, lt gr, hd
6042 - 6045 - Grades to LS, m gr, hd, dns, abd fine blk buck-shot ools & blk osts, ti, NSOF; 6" Ss, aa, wi fnt brn stn, even buff flsn
6045 - 6047 - Grades to Ss, lt gr, vfg, slty, abd ost & ools aa, ti/fair perm, NSOF, sltst & dk sh
6047 - 6051 - Oilstn ss, lt gr wi lt brn stn, flg, sa/sr, fair sort, good p&p, good pet odor, bri yel flsn
6051 - 6052 - Grades from ti Ss - sltst in a few inches to ss, aa, vfg, v cln, well sort, looks perm, wet, NSOF
6052 - 6053 - Ss, aa, except even yel flsn
6053 - 6055 - Ss, aa, NSOF, strs dk sh, appears low perm
6055 - 6056 - Oilstn ss, lt gr wi dk brn stn, fg, sa/sr, fair sort, good p&p, good pet odor, bri yel flsn
6056 - 6058 - Sltst & Sh, sltst, m gr, hd, Sh, dk gr, m hd/m sft
6058 - 6059 - Ss, vfg, lt gr, p sort, low p&p, NSOF
6059 - 6086 - Sltst & Sh, aa,
6086 - 6096 - Pred Sltst, wi fi sh lams, coarsely reworked
6096 - 6107 - Sh, blk, m sft, badly washed in core bbl
6107 - 6109 - Oilstn ss, lt gr wi dk brn stn, fg, fair sort, abd blk osts & ools, good p&p, good pet odor, yel flsn, strs ti ss
6109 - 6110 - Oolite, m gr, vf ools, abd osts, hd, ti, dns, NSOF
6110 - 6111 - Oilstn ss, aa,
6111 - 6115 - Sltst, aa, wi strs dk reworked sh
6115 - 6116 - LS, lt gr, hd, dns, ti, NSOF, abd blk & gr osts & ools
6116 - 6120 - Ss, lt gr, vfg, slty, hd, ti, 50% oil stn in strs to 1", fair odor, yel flsn where stn
6120 - 6122 - Ss, aa, bcm 30% stained
6122 - 6125 - Bcm rarely stained
6125 - 6127 - No rec.

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #8 - 6127 - 6217', Rec 79'

6127 - 6130 - Sltst, lt gr, vy hd, vy th str dk gr sh
6130 - 6132 - Oolite, dk gr blk, vy hd, str dk gr sh
6132 - 6133 - Sh, dk gr, th str lt gr sltst
6133 - 6135 - Ss, lt brn, fg, sr/sa, sl fri, good pet odor, bri tn flsn, even lt brn stn
6135 - 6138 - Ss, lt gr/lt brn, mg, sr/sa, poor sort, cgl, good pet odor, even lt brn stn, fw str calc, ti, NSOF
6138 - 6141 - Sltst, 5", lt gr, th str, sh, remainder Ss, sa,
6141 - 6143 - Ss, lt gr/lt brn, vfg, v hd, sa, good pet odor, str sltst, str ti lmy (pkr ok)
6143 - 6145 - Sltst, lt gr, v hd, th str dk gr sh (pkr ok)
6145 - 6147 - Ss, gr, vfg, sr, str ti, vy th str sh, app wet, NSOF
6147 - 6148 - Sltst, lt gr, m hd, th str sh
6148 - 6150 - Ss, tn, fg, sr, fw scat ost, bri yel flsn, mild pet odor
6150 - 6151 - Ss, lt gr, fg, sr, perm, NSOF, wet
6151 - 6154 - Sltst, lt gr, v hd, fw th str sh, fw str fg ss, patchy oil stn, app wet,
6154 - 6156 - Sltst, gr, vy th str ls
6156 - 6158 - Sh, dk gr, th str lt gr sltst
6158 - 6162 - Ss, lt gr, vfg, vy ti, NSOF, fw th str sh
6162 - 6165 - Sltst, v hd, vy lmy, str dk gr sh
6165 - 6170 - Ls, v hd, sdy, v th str sh, scat ool & ost
6170 - 6177 - Sh, dk gr, m btl, washed
6177 - 6180 - Sh, gr, th str sltst, m hd, btl
6180 - 6194 - Ss, gr, vfg, v hd, lmy, sa/sr, poor sort, pred ti, NSOF, slty
6194 - 6201 - Sltst, lt gr, v lmy, fw v th str gr sh
6201 - 6206 - Sh, gr, claystn, hd, lmy
6206 - 6211 - Sltst, lt gr, v hd, str gr sh,
6211 - 6216 - Ls, osts & ools in gr l.s. mtrx, v hd, ti, neg por, NSOF, fw str gr sh

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June 23, 1957

DST #4 - 2 hr. HFT interval 5898 - 5936'. Set packers at 5893, 5898, and 5936'. Valve open 2 hrs, SI 30 min. No gas to surface. Rec 40' oily mud, 186' watery mud, 1767' water.

Pressures:	IH	IF	FF	SI	FH
Top	2830	125	890	2180	2805
Bottom	2900	clock stopped-minimum pressure recorded 2100 psi			

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #9 - 6216 - 6306', Rec 90'

6216 - 6222 - Sltst, lt gr, v calc, v hd, scat cols & ost
6222 - 6225 - Sh, dk gr, m hd, th str lt gr sltst, str sub ccq, abd ost
6225 - 6228 - Sltst, gr, m hd, shly
6228 - 6231 - Sh, dk gr, badly washed
6231 - 6236 - Sltst, gr, shly, v lmy, abd ost
6236 - 6240 - Oolite, tn cols in tn calc matrx
6240 - 6244 - Sltst, gr, v lmy, abd cols & osts, fw th str dk gr sh
6244 - 6247 - Sub ccq, fg, sr, dk gr, calc mtx
6247 - 6250 - Sh, gr, m hd, washed
6250 - 6252 - Sh, aa, unwashed, slty
6252 - 6255 - Sltst, lt gr, lmy, v hd, str lt gr ss, mg, calc
6255 - 6258 - Ss, gr, mg, v calc, at top, v ti
6258 - 6260 - Sltst, lt gr, hd
6260 - 6263 - Ls, lt gr, abd ost, scat sh incl
6263 - 6270 - Ls, dk brn, th str dk gr sh, th str lt gr sltst
6270 - 6282 - Sltst, lt gr, m hd, cly, th str lt gr ss, ti, str gr sh
6282 - 6285 - Ss, lt gr, vfg, sr, ti
6285 - 6297 - Sltst, aa,
6297 - 6299 - Sltst aa, w/scat red brn, purple spot, first red beds 6297
6299 - 6306 - Sltst, aa, no red col

June 27, 1957

DST #5 - 1½ hr test of interval 6134 - 6143'. Set packers 6128, 6134 and 6143'. Valve open for 1½ hrs, medium blow immediately decreased to mild in 15 min. Gas to surface 35 min. Burned yellow flare; too small to measure. SI 30 min. Rec 458' rise, including 140' oil, 158' mud and 180' water. Bottom chart o.k.

	IH	IF	FF	SI	FH
Top	2995	50	185	1275	2935
Middle	3005	50	190	1270	2935

DST #6 - 2 hr test of interval 6028 - 6039'. Set packers at 6022, 6028 and 6039'. Valve open 2 hrs, mild blow, rapid decrease to weak, Weak heads thereafter. No gas to surface. SI 30 min. Rec 140', incl 40' oil, 100' oily watery mud. Bottom chart o.k.

	IH	IF	FF	SI	FH
Top	2970	26	75	940	2930
Middle	2985	38	72	930	2910

June 29, 1957

Ran Schlumberger ES & Microlog 6504' (6500' Drill Pipe) to 224'.

June 30, 1957

DST #7 - 45 min straddle test of interval 6354 - 6367'. Set packers at 6348, 6354 and 6367'. Valve open 45 min, medium blow decreasing throughout flow period. No gas to surface. SI 15 min. Rec 120' rise, incl 30' oil and 90' oily watery mud.

	IH	IF	FF	SI	FH
Top	3257	26	75	794	3230
Middle	3250	25	70	910	3190

DST #8 - 1 hr test of interval 5922 - 5935'. Set packets at 5916, 5922 and 5935'. Valve open 1 hr, mild blow decreased to weak at end of test. SI 15 min. No gas to surf surface. Rec 1065' total rise, top 186' slightly oil & gas cut mud, remainder gas cut water.

IH	IF	FF	SI	FH
3010	60	500	2180	2950

Bottom packer held. Good test.

July 1, 1957

DST #9 - Interval 5516 - 5551'. Set packers at 5516, 5551 and 5510'. Valve open 1 hr, lt blow, no gas to surface. Rec 50' cutting fluid. Charts o.k.

Cemented 7" casing at 6499'. Cemented 7", 23#, N-80 & J-55 casing at 6499' with 350 sacks Type I cement. 25 min mixing to average 15 ppg slurry, 10 bbl water ahead. 37 min displacing with rig pump. Partial circulation. Lost circulation after 15 min displacing. Bumped plug with 1600 psi. Float collar held o.k.

Casing Detail

17 jts	737'	7", N-80, 8rd, LT&C casing
137 jts	5767'	7", J-55, 8rd, LT&C casing
	6504'	
Above KB	5'	
Landed	6499'	

July 3, 1957

Cleaned out cement 6406 - 6420'. Changed mud to Rangely crude. Ran McCullough Gamma Ray-collar log. 6349 G.R. = 6352 Schlumberger. 5837 G.R. = 5841 Schlumberger. McCullough gun perforated 4 holes per foot

Schlumberger	Gamma
6352 - 36363	6349 - 6360
6136 - 6148	6130 - 6144
5841 - 5857	5837 - 5853
5628 - 5642	5626 - 5640

Dowell sand oil squeezed down casing. 300 bbl sand oil mix 1½ ppg 20-40 Ottowa sand in burner fuel. 100 bbl then injected 110 rubber coated nylon balls then 100 bbl and another 110 balls. Displaced with 250 bbl burner fuel. 30 BPM approximate rate. 1900 psi maximum pressure.

Ran bit and casing scraper and cleaned out to 6420'

July 4, 1957

While pulling out of hole after clean out following sand oil squeeze well started flowing. Closed well in. 1400 psi on both tubing and annulus with 3 stands tubing in hole. Pumped in 70 bbl oil base mud 8.4 ppg. Reduced pressure to 1000 psi. Mixed and pumped in 200 bbl oil base mud and killed well.

WELL NO.: 12-27A (#61) PROPERTY: Section 27 A RED WASH FIELD

July 5, 1957

Ran bit to e.d. and circulated. Pulled. McCullough perforated 4 bullets per foot 6035 - 6043' (Schlum).

Ran tubing as follows:

Perf'd jt	29.66
Pup	8.08
RSN	1.09
202 jts 2½" EUE	6222.52
	6261.35
12' below K.B.	12.
Landed	6273.35'

Displaced oil base mud with burner fuel.

Rig released 2:00 A.M. July 6, 1957.

The well was produced for 22 hours on July 29, 1957, but due to excess gas was shut in for additional completion work.

R&R Well Service moved in and rigged up August 17, 1957.

Howco mixed oil base mud on location to 8.3# per gal, viscosity 176.

Displaced well w/231 bbls oil base mud and shut well in while waiting for rig.

CP at start of pumping 2000 psi - TP at start of pumping 1400 psi.
Pressures 0# at completion of displacement.

August 18, 1957

Conditioned mud and circulated gas off bottom. Circulated 3 hrs. Tested BOPE to 1200 psi - held okay.

August 19, 1957

Tested perforated intervals using Howco straddle tester; on one run in hole:

Zone	Packers set	Tool open	Blow	Bottom Chart: IF	FF
6352-63	6342 & 72	30 min.	Strong - Gas 1 min.	38	50
6134-48	6128 & 58	18 min.	Weak, decr to dead	522	865
6035-43	6022 & 52	25 min.	Weak, NGTS	1015	2133
5841-57	5836 & 66	20 min.	Strong, gas 1 min, incr	2180	2258
5628-42	5618 & 48	12 hrs.	Weak, decr to dead	2308	2308

Initial hydrostatic 2780 psi. Bottom pkr held o.k. - all tests. Annulus took fluid 1st and 2nd tests. Apparently going away 6035-43

WELL NO.: 12-27A (#61) PROPERTY: Section 27A REDWASH FIELD

Tested the following perforated intervals using Howco straddle tester; on one run:

Zone	Pkr set	Tool open	Blow	IF	FF
5628-42	5618-48	31 min.	Strong blow,161 MCF	450	915
5841-57	5831-61	25 min.	Lost gas-est 2½M MCF	1660	Blowed fluid out
6035-43	6025-55	30 min.	Strong to weak	498	1885

August 22, 1957

Ran Baker BP. and set @ 6058' Schl meas. Ran retainer and set @ 6020'. Howco squeezed zone 6035-43 w/125 sax regular cement by hesitation method.

Ran Baker magnesium retainer on tubing and set @ 5808'. Howco pumped 100 sax regular cement into zone 5841-57 by hesitation method.

August 26, 1957

Howco ran dry test - DST on zones 5841-57 and 6035-43'. Tool open 30 min, very weak blow thru-out test. SI 15 min. No build up. Rec 488' gas cut oil base mud - no water.

Salinity test from DST on zone 6035-43, now cemented off, was 18,800 ppm Cl.

August 28, 1957

Displaced OBM from tubing with Rangely crude.

Dowell sand/fraced interval 6352-63 w/48 bbls burner fuel #5 mixed w/1# sand per gal. Flushed w/39 bbls, preceded sand & oil w/8 bbls Rangely crude. Max press 4200 psi. Minimum press 4100 psi.

Tubing Detail:

Boll Weevil Hanger	.96
202 jts. 2⅜" Eue tubing	6229.02
1-Axelson PSN 4045	1.09
1-2⅜" EUE pup jt	8.08
1-2⅜" perforated jt	29.66
K.B. to hanger	12.00
Landed @	6280.81'

Rig released August 30, 1957.

W. E. WHITNEY

"In lieu of Form 9-330"

COMPLETION REPORT — NEW WELL

STANDARD OIL COMPANY OF CALIFORNIA

FIELD: Red Wash PROPERTY: Section 27A

WELL NO: 12-27A (#61) Sec. 27 T. 7 S R. 22 E SL B. & M.

LOCATION: 2034' from N line and 689' from W line of Section 27.

ELEVATION: 5400' Est. K.B. K.B is 12' above mat.

DATE: October 21, 1957 By J. T. CROOKER
Manager, Producing Department

DRILLED BY: Kerr-McGee Oil Industries, Inc.

DATE COMMENCED DRILLING: May 23, 1957 DATE COMPLETED DRILLING: August 30, 1957

DATE OF INITIAL PRODUCTION: September 12, 1957

PRODUCTION: Daily average, 1st 30 days Gravity 25.2 ° API Pumping X
Oil . . . . . 104 Bbls. T. P. 150 PSI Flowing
Water . . . . 98 Bbls. C. P. 120 PSI Gas Lift
Gas . . . . . 106 Mcf. Bean /64"

SUMMARY

TOTAL DEPTH: 6500'

CASING: 18" conductor cem @ 20'.
10 3/4", 40.5#, J-55, 8rd, S, Rge 3 cem @ 223'.
7", N-80 & J-55 cem @ 6499'.

Perf'd w/4 bullets per foot: 6352 - 6363, 6136 - 6148, 6035 - 6043(scabbed off), 5841 - 5857(scabbed off), 5628 - 5642.

LOGS RUN: Schlumberger ES & Microlog ✓
Gamma Ray-collar Log

DRILL STEM TESTS:

DST #1 - 5615 - 5643'
DST #2 - 5821 - 5849'
DST #3 - 5860 - 5886'
DST #4 - 5898 - 5936'
DST #5 - 6134 - 6143'
DST #6 - 6028 - 6039'
DST #7 - 6354 - 6367'
DST #8 - 5922 - 5935'
DST #9 - 5516 - 5551'

Fro-318 (IM-1-55)
Printed in U.S.A.

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Kerr-McGee Oil Industries, Inc. moved in and rigged up May 23, 1957.

0 - 20' 16" conductor.

Spudded 9:15 P.M. 5/23/57.

Drilled 15" hole, 4½" F.H. Drill Pipe, water drilling fluid.

20 - 235' 215' Drilled.

May 24, 1957

Cemented 10 3/4",40.5#, J-55 casing at 223' with 175 sax cement. 12 min mixing 175 sax Type I cement with 2% calcium chloride to 115.5 p.c.f slurry. Displaced 18.5 bbl water in 5 min with cementers pumps to leave 35' cement in casing. Used one top rubber plug. Good circulation and good cement returns. Howco equip. Cement in place 6:45 A.M.

Casing Detail

5 jts	208'	10 3/4", 40.5#, J-55 8rd S Rge 3
Landed	15'	below K.B.
	223'	Depth of shoe

235' - 1043' 808' Drilled.

May 30, 1957

While drilling 3759' lost circulation. Pulled to 3719'. While mixing mud - pipe stuck. Regained circ. Worked pipe 5½ hrs. Full circ. Spotted 47 bbl Rangely crude and worked pipe 5 1/4 hours. Circ 1 hr. Ran McCullough free pt indicator. Free pt 12' below top D.C. or 3287'. Ran string shot and backed at top D.C. Ran McCullough jars, safety jt & bumper subs and 120' D.C. screwed into change over sub. Bumped & jarred on pipe 2½ hrs.

May 31, 1957

Bumped & jarred on pipe 16 hrs. No movement. Backed off top of drill collars. Ran 8 1/8" O.D. wash pipe. Washed over drill collars 95'.

June 1, 1957

Pulled out of hole. Ran jars & bumper sub. Screwed into fish. Ran magnetector. Ran string shot, backed off and recovered 3 drill collars. Ran wash pipe and washed over fish approximately 120'. Fish dropped to bottom. Pulled. Ran jars and bumper sub. Screwed into fish and recovered all of fish.

WELL NO. 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

June 14, 1957

Core #1 - 5550 - 5639 - Rec. 89'

5550 - 5559 - Sh, brnsh gr oil sh, m btl, th strks ls
5559 - 5577 - Sltstn, lt gr, v hd, str sh aa, th strks ls,
5577 - 5579 - Sh, gr brn oil sh, v hd, th str ls
5579 - 5581 - Oolite, tn, m hd, dol mtx, tn flsn, no odor, or stn
5581 - 5590 - Sh, gr, m hd, sl washing
5590 - 5591 - Sltstn, lt gr, mott app, str brn gr sh
5591 - 5607 - Sh, dk gr, v hd, btl, th str ls; bcm m hd, washed @ 5597; @ 5603 bcm sh, brn, gr, hd, m btl, th str sltstn
5607 - 5610 - Sltstn, lt gr, v hd, str dk gr sh, mott app
5610 - 5610½ - Ss, lt gr, v hd, fg, calc, NSOF, ti
5610½ - 5615 - Sltstn aa,
5615 - 5624 - Sh, brn gr oil sh, v btl, fw th str sl
5624 - 5633 - Ss, dk gr, fg/mg, sr, brn oil stn, v fnt pet odor, yel tn flsn, fw scat pebs to 1/4", lmy at top; bcm brn gr, col pred fg @ 5628; bcms lt brn col, fg, at 5630
5633 - 5639 - Sltstn, lt gr, v hd, th str gr sh, mott app

Core #2 - 5639 - 5729 - Rec. 90'

5639 - 5647 - Sltst, & Sh, finely interbedded, coarsely reworked sltst, lt gr, hd; Sh, dk gr, m hd
5647 - 5653 - Oilstn ss, fg, sa/sr, lt gr wi lt brn stn, fair sort, fair pet odor, dull yel flsn, low/fair p&p,
5653 - 5666 - Sltst & Sh, aa; wi strs ti slty ss, aa
5666 - 5669 - Sh, blk, hd, p chip frac
5669 - 5674 - Sltst & sh, aa,
5674 - 5676 - Ss, lt gr, vfg, slty, sa/sr, fair sort, v lt oilstn, fnt odor, bri yel flsn, ti
5676 - 5684 - Sltst & Sh, aa, rare strs ti slty ss
5684 - 5688 - Sh, dk brn-blk, m hd, p chip frac
5688 - 5691 - Sh, aa, wi strs sltst
5691 - 5694 - Ss, dk gr, wi lt brn oil stn, fg, sa/sr, abd blk buckshot like oolites, fair pet odor, brick red flsn, low p&p, strs dk sh, aa
5694 - 5696 - Oolite, lt gr, fg, blk buchshot like oolites in calcite mtrx. (Has been called spherulite) ti, NSOF
5696 - 5711 - Sltst & sh, aa
5711 - 5716 - Ss, lt gr, vfg, slty, sa/sr, fair sort, lt tn oil stn, faint pet odor, bri yel flsn where stn, ti/low p&p
5716 - 5724 - Sltst & sh, aa
5724 - 5729 - Ss, vfg, s/r, clean, well sort, dk gr, abd vf blk oolites, wet perm, NSOF

Core #3 - 5729 - 5819 - Rec. 90'

5729 - 5733 - Ss, dk gr, fg, sa/sr, well sort, clean, wet, NSOF, excel p&p
5733 - 5756 - Sltst, m gr, hd, wi thi dk sh inlams, finely reworked
5756 - 5767 - Bcm pred Sh, dk gr-blk, m hd, poker chip frac

WELL NO.: I2-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #3 (cont'd)

5767 - 5769 - Sltst, m gr, hd
5769 - 5775 - Ss, vfg, slty, lt gr, sr, fair sort, patches very lt oil stn, fnt odor, yel flsn where stn, strs dk sh
5775 - 5785 - Grades to lt gr sltst, wi thin strs dk reworked sh
5785 - 5797 - Ss, lt gr, fg, sa/sr, fair sort, fair/excel perm, NSOF except in rare strs where lightly stn'd, tn, orange flsn
5797 - 5801 - Sh, dk gr-blk, m hd
5801 - 5816 - Ss, m gr, sr, clean, well sort, perm, wet, NSOF
5816 - 5817 - Ss, aa, bcm v hd, wi abd thi strs dk sh
5817 - 5819 - 2' not rec.

June 17, 1957

DST #1 - 1½ Hr. HFT of interval 5615 - 5643'. Set packers at 5610', 5615' and 5643', Howco jars and safety jt. Valve open 1½ hrs. Strong blow with gas to surface in 4 min, gradually decreased during test. Impact measurement approx 10 min after gas surfaced indicated 100 MCF/D rate. SI 30 min. Recovered 413' rise. Top 233' gassy, muddy oil, next 90' watery mud, bottom 90' muddy water, 1500 ppm Cl⁻. Oil tested 28.3° gravity, 88° Pour pt, cut 2.4% mud.

Pressures	IH	IF	FF	SI	FH
Top	2845	100	170	1710	2808
Middle	2840	95	165	1665	2828
Bottom	2800	Pkr held ok.			2800

Core #4 - 5820 - 5856 - Rec. 36'

5820 - 5837 - Sltstn, gr, v hd, sdy, v th str gr sh, mott app; sltstn aa, th str sh, vy mott app
5837 - 5846 - Ss, brn gr, fg, sr, cgl, brn oil stn, excel pet odor, tn flsn, str sh, sl mott app, free oil on lam fracs, poss from mud
5846 - 5853 - Sltstn, lt gr, th str gr sh, mott app
5853 - 5856 - Sh, dk gr, th str lt gr sltstn

Core #5 - 5856 - 5946 - Rec 90'

5856 - 5861 - Sltstn, dk gr, th str lt gr sltstn, hd, shly, good pkr seat; Sltstn, lt gr, str gr sh, mott app
5861 - 5866 - Ss, lt brn, fg, sr, even brn stn, strong carbide pet odor, bri tn flsn, str lt gr sltstn, vy th str gr sh, mott app
5866 - 5866½ - Sltstn, dk gr, shly
5866½ - 5870 - Ss, tn/lt brn, fg, sr, even brn stn, carbide pet odor, tn flsn, str gr sltst, spot dead oil
5870 - 5872 - Sh, gr, m hd, str gr sltst, sl mott app
5872 - 5876 - Ss, gr, fg, sr, perm, spot pet stn & tn flsn; 3" lt gr sltst; Ss, brn, fg, sr, even brn stn, carbide pet odor, tn flsn, spot gr sltst perm?

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #5 (cont'd)

5876 - 5880 - Ss, aa, abd str gr sltst, mott app; Ss, gr-brn, fg, sr, spot vcl oil stn, even tn flsn; 2" gr sltst, hd; Ss, lt gr grn, fg, sr, perm, NSOF, wet?
5880 - 5882 - Sltst, gr, v hd, sdy, fw spot brn oil stn, vy th str gr sh
5882 - 5888 - Ss, lt brn, fg, sr, even brn oil stn, str lt gr sltst, str gr sh
5888 - 5891 - Sltst, lt gr, th str dk gr sh, mott app
5891 - 5896 - Ss, gr, fg, sr, vy calc, abd foss, NSOF, ½" str oil at top, pkr o.k.
5896 - 5897 - Sh, gr, str lt gr sltst, str mg cgl ss, pkr ok.
5897 - 5899 - Sltst, gr, hd, fw str oil stn ss, pkr ok
5899 - 5902 - Ss, lt brn, fg, even oil stn, carbide pet odor, bri tn flsn
5902 - 5907 - Ss, aa, bcm dk brn, free oil in fracs; Ss, aa, bcm str gr sltst
5907 - 5908 - Sltst, gr, v hd
5908 - 5919 - Ss, brn, fg, gr, even brn stn, dull tn flsn, str lmy gr sltst, pet odor; Ss, brn, fg, sr, even brn stn, tn flsn, carbide pet odor; Ss, aa, bcm str gr sh & lt gr sltst,
5919 - 5921 - Sltst, lt gr, th str dk gr sh,
5921 - 5924 - Ss, brn, fg, sr, sl fri, even brn oil stn, carbide pet odor, tn flsn
5924 - 5926 - Sltst, lt gr, str dk gr sh
5926 - 5928 - Ss, aa,
5928 - 5940 - Sltst, lt gr, th str dk gr sh, mott app, str oil stn ss, aa,
5940 - 5946 - Sltst, lt gr, v hd, lmy, str ss, vfg, poss perm, NSOF

June 19, 1957

DST #2 - 1½ hr JFT. Set packers 5821', 5826' and 5849'. Valve open 1½ hrs, weak blow to very weak in 15 min. No gas to surface. Very weak heads remainder test. SI 30 min for pressure build up. Rec 94' of heavily oil cut mud. 10 - 15% free oil. Bottom chart indicates bottom packer held o.k.

Pressures	IH	IF	FF	SI	FH
Top	2990	60	65	75	2990
Middle	3000	50	55	65	3000

June 20, 1957

DST #3 - 1½ hr. test of interval 5860 - 5886'. Set packers at 5855', 5860' and 5886'. Valve open 1½ hrs, good blow. Gas to surface 20 minutes. Steady 120 MCF rate. SI 30 min. Recovered 178' gassy, slightly oily mud. Bottom chart o.k.

Pressures	IH	IF	FF	SI	FH
Top	2975	60	120	2285	2985
Middle	3000	30	90	2220	2950

Core #6 - 5949 - 6037' - Rec. 88'

5949 - 5950 - Sltst, lt gr, hd, wi strs dk reworked sh
5950 - 5952 - Ss, tn, vfg, sa/sr, fair sort, ti, NSOF
5952 - 5954 - Sltst, lt gr, hd, wi strs dk reworked sh
5954 - 5956 - Sltst, aa, fracs bleeding oil,
5956 - 5958 - Sh, dk brn, hd wi strs sltst, aa,
5958 - 5964 - Sltst, aa,
5964 - 5965 - Ss, lt gr wi spotty lt brn stn, vfg, well cem, ti,

WELL NO: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #6 (cont'd)

5965 - 5980 - Sltst & Sh, aa,
5980 - 5982 - Pred sh, dk brn, m hd
5982 - 5986 - Pred Sltst, aa,
5986 - 6014 - Ss, m gr, fg, sr, clean, well sort, abd vf blk buch shot ools, good/excel p&p, ti, NSOF; 1' Sh, aa, @ 5995
6014 - 6021 - Grades to Sltst, lt gr, hd wi thin reworked dk sh inlams, strs to 6", perm, ss, aa
6021 - 6023 - Sh, dk brn/blk, m hd
6023 - 6026 - Sltst, lt gr, hd, 3" strk slty oil stn ss near top
6026 - 6030 - Blk sh, aa; strs sltst
6030 - 6032 - Oolite, tn, vf osts & ools, dns, ti, NSOF
6032 - 6037 - Oilstn ss, lt gr wi lt brn stn, fg, sr, clean, well sort, excep P&p, dull yel flsn, fair pet odor

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Core # 7 - 6037 - 6127', Rec 90'

6037 - 6041 - Ss, m gr, salt & pepper, mg, sa/sr, well sort, com blk osts and buck-shot ools, good p&p, very little stn or odor but good even buff flsn
6041 - 6042 - Sltst, lt gr, hd
6042 - 6045 - Grades to LS, m gr, hd, dns, abd fine blk buck-shot ools & blk osts, ti, NSOF; 6" Ss, aa, wi fnt brn stn, even buff flsn
6045 - 6047 - Grades to Ss, lt gr, vfg, slty, abd ost & cols aa, ti/fair perm, NSOF, sltst & dk sh
6047 - 6051 - Oilstn ss, lt gr wi lt brn stn, flg, sa/sr, fair sort, good p&p, good pet odor, bri yel flsn
6051 - 6052 - Grades from ti Ss - sltst in a few inches to ss, aa, vfg, v cln, well sort, looks perm, wet, NSOF
6052 - 6053 - Ss, aa, except even yel flsn
6053 - 6055 - Ss, aa, NSOF, strs dk sh, appears low perm
6055 - 6056 - Oilstn ss, lt gr wi dk brn stn, fg, sa/sr, fair sort, good p&p, good pet odor, bri yel flsn
6056 - 6058 - Sltst & Sh, sltst, m gr, hd, Sh, dk gr, m hd/m sft
6058 - 6059 - Ss, vfg, lt gr, p sort, low p&p, NSOF
6059 - 6086 - Sltst & Sh, aa,
6086 - 6096 - Pred Sltst, wi fi sh lams, coarsely reworked
6096 - 6107 - Sh, blk, m sft, badly washed in core bbl
6107 - 6109 - Oilstn ss, lt gr wi dk brn stn, fg, fair sort, abd blk osts & ools, good p&p, good pet odor, yel flsn, strs ti ss
6109 - 6110 - Oolite, m gr, vf ools, abd osts, hd, ti, dns, NSOF
6110 - 6111 - Oilstn ss, aa,
6111 - 6115 - Sltst, aa, wi strs dk reworked sh
6115 - 6116 - LS, lt gr, hd, dns, ti, NSOF, abd blk & gr osts & ools
6116 - 6120 - Ss, lt gr, vfg, slty, hd, ti, 50% oil stn in strs to 1", fair odor, yel flsn where stn
6120 - 6122 - Ss, aa, bcm 30% stained
6122 - 6125 - Bcm rarely stained
6125 - 6127 - No rec.

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Core #8 - 6127 - 6217', Rec 79'

6127 - 6130 - Sltst, lt gr, vy hd, vy th str dk gr sh
6130 - 6132 - Oolite, dk gr blk, vy hd, str dk gr sh
6132 - 6133 - Sh, dk gr, th str lt gr sltst
6133 - 6135 - Ss, lt brn, fg, sr/sa, sl fri, good pet odor; bri tn flsn, even lt brn stn
6135 - 6138 - Ss, lt gr/lt brn, mg, sr/sa, poor sort, cgl, good pet odor, even lt brn stn, fw str calc, ti, NSOF
6138 - 6141 - Sltst, 5", lt gr, th str, sh, remainder Ss, sa,
6141 - 6143 - Ss, lt gr/lt brn, vfg, v hd, sa, good pet odor, str sltst, str ti lmy (pkr ok)
6143 - 6145 - Sltst, lt gr, v hd, th str dk gr sh (pkr ok)
6145 - 6147 - Ss, gr, vfg, sr, str ti, vy th str sh, app wet, NSOF
6147 - 6148 - Sltst, lt gr, m hd, th str sh
6148 - 6150 - Ss, tn, fg, sr, fw scat ost, bri yel flsn, mild pet odor
6150 - 6151 - Ss, lt gr, fg, sr, perm, NSOF, wet
6151 - 6154 - Sltst, lt gr, v hd, fw th str sh, fw str fg ss, patchy oil stn, app wet,
6154 - 6156 - Sltst, gr, vy th str ls
6156 - 6158 - Sh, dk gr, th str lt gr sltst
6158 - 6162 - Ss, lt gr, vfg, vy ti, NSOF, fw th str sh
6162 - 6165 - Sltst, v hd, vy lmy, str dk gr sh
6165 - 6170 - Ls, v hd, sdy, v th str sh, scat ool & ost
6170 - 6177 - Sh, dk gr, m btl, washed
6177 - 6180 - Sh, gr, th str sltst, m hd, btl
6180 - 6194 - Ss, gr, vfg, v hd, lmy, sa/sr, poor sort, pred ti, NSOF, slty
6194 - 6201 - Sltst, lt gr, v lmy, fw v th str gr sh
6201 - 6206 - Sh, gr, claystn, hd, lmy
6206 - 6211 - Sltst, lt gr, v hd, str gr sh,
6211 - 6216 - Ls, osts & ools in gr l.s. mtrx, v hd, ti, neg por, NSOF, fw str gr sh

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June 23, 1957

DST #4 - 2 hr. HFT interval 5898 - 5936'. Set packers at 5893, 5898, and 5936'. Valve open 2 hrs, SI 30 min. No gas to surface. Rec 40' oily mud, 186' watery mud, 1767' water.

Pressures:	IH	IF	FF	SI	FH
Top	2830	125	890	2180	2805
Bottom	2900	clock stopped-minimum pressure recorded 2100 psi			

Core #9 - 6216 - 6306', Rec 90'

6216 - 6222 - Sltst, lt gr, v calc, v hd, scat cols & ost
6222 - 6225 - Sh, dk gr, m hd, th str lt gr sltst, str sub coq, abd ost
6225 - 6228 - Sltst, gr, m hd, shly
6228 - 6231 - Sh, dk gr, badly washed
6231 - 6236 - Sltst, gr, shly, v lmy, abd ost
6236 - 6240 - Oolite, tn cols in tn calc matrx
6240 - 6244 - Sltst, gr, v lmy, abd cols & osts, fw th str dk gr sh
6244 - 6247 - Sub coq, fg, sr, dk gr, calc mtx
6247 - 6250 - Sh, gr, m hd, washed
6250 - 6252 - Sh, aa, unwashed, slty
6252 - 6255 - Sltst, lt gr, lmy, v hd, str lt gr ss, mg, calc
6255 - 6258 - Ss, gr, mg, v calc, at top, v ti
6258 - 6260 - Sltst, lt gr, hd
6260 - 6263 - Ls, lt gr, abd ost, scat sh incl
6263 - 6270 - Ls, dk brn, th str dk gr sh, th str lt gr sltst
6270 - 6282 - Sltst, lt gr, m hd, cly, th str lt gr ss, ti, str gr sh
6282 - 6285 - Ss, lt gr, vfg, sr, ti
6285 - 6297 - Sltst, aa,
6297 - 6299 - Sltst aa, w/scat red brn, purple spot, first red beds 6297
6299 - 6306 - Sltst, aa, no red col

June 27, 1957

DST #5 - 1½ hr test of interval 6134 - 6143'. Set packers 6128, 6134 and 6143'. Valve open for 1½ hrs, medium blow immediately decreased to mild in 15 min. Gas to surface 35 min. Burned yellow flare; too small to measure. SI 30 min. Rec 458' rise, including 140' oil, 158' mud and 180' water. Bottom chart o.k.

	IH	IF	FF	SI	FH
Top	2995	50	185	1275	2935
Middle	3005	50	190	1270	2935

DST #6 - 2 hr test of interval 6028 - 6039'. Set packers at 6022, 6028 and 6039'. Valve open 2 hrs, mild blow, rapid decrease to weak, Weak heads thereafter. No gas to surface. SI 30 min. Rec 140', incl 40' oil, 100' oily watery mud. Bottom chart o.k.

	IH	IF	FF	SI	FH
Top	2970	26	75	940	2930
Middle	2985	38	72	930	2910

June 29, 1957

Ran Schlumberger ES & Microlog 6504' (6500' Drill Pipe) to 224'.

June 30, 1957

DST #7 - 45 min straddle test of interval 6354 - 6367'. Set packers at 6348, 6354 and 6367'. Valve open 45 min, medium blow decreasing throughout flow period. No gas to surface. SI 15 min. Rec 120' rise, incl 30' oil and 90' oily watery mud.

	IH	IF	FF	SI	FH
Top	3257	26	75	794	3230
Middle	3250	25	70	910	3190

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

DST #8 - 1 hr test of interval 5922 - 5935'. Set packets at 5916, 5922 and 5935'. Valve open 1 hr, mild blow decreased to weak at end of test. SI 15 min. No gas to surf surface. Rec 1065' total rise, top 186' slightly oil & gas cut mud, remainder gas cut water.

IH	IF	FF	SI	FH
3010	60	500	2180	2950

Bottom packer held. Good test.

July 1, 1957

DST #9 - Interval 5516 - 5551'. Set packers at 5516, 5551 and 5510'. Valve open 1 hr, lt blow, no gas to surface. Rec 50' cutting fluid. Charts o.k.

Cemented 7" casing at 6499'. Cemented 7", 23#, N-80 & J-55 casing at 6499' with 350 sacks Type I cement. 25 min mixing to average 15 ppg slurry, 10 bbl water ahead. 37 min displacing with rig pump. Partial circulation. Lost circulation after 15 min displacing. Bumped plug with 1600 psi. Float collar held o.k.

Casing Detail

17 jts	737'	7", N-80, 8rd, LT&C casing
137 jts	5767'	7", J-55, 8rd, LT&C casing
	6504'	
Above KB	5'	
Landed	6499'	

July 3, 1957

Cleaned out cement 6406 - 6420'. Changed mud to Rangely crude. Ran McCullough Gamma Ray-collar log. 6349 G.R. = 6352 Schlumberger. 5837 G.R. = 5841 Schlumberger. McCullough gun perforated 4 holes per foot

Schlumberger	Gamma
6352 - 36363	6349 - 6360
6136 - 6148	6130 - 6144
5841 - 5857	5837 - 5853
5628 - 5642	5626 - 5640

Dowell sand oil squeezed down casing. 300 bbl sand oil mix 1½ ppg 20-40 Ottowa sand in burner fuel. 100 bbl then injected 110 rubber coated nylon balls then 100 bbl and another 110 balls. Displaced with 250 bbl burner fuel. 30 BPM approximate rate. 1900 psi maximum pressure.

Ran bit and casing scraper and cleaned out to 6420'

July 4, 1957

While pulling out of hole after clean out following sand oil squeeze well started flowing. Closed well in. 1400 psi on both tubing and annulus with 3 stands tubing in hole. Pumped in 70 bbl oil base mud 8.4 ppg. Reduced pressure to 1000 psi. Mixed and pumped in 200 bbl oil base mud and killed well.

WELL NO.: 12-27A (#61) PROPERTY: Section 27 A RED WASH FIELD

July 5, 1957

Ran bit to e.d. and circulated. Pulled. McCullough perforated 4 bullets per foot 6035 - 6043' (Schlum).

Ran tubing as follows:

Perf'd jt	29.66
Pup	8.08
RSN	1.09
202 jts 2½" EUE	6222.52
	6261.35
12' below K.B.	12.
Landed	6273.35'

Displaced oil base mud with burner fuel.

Rig released 2:00 A.M. July 6, 1957.

The well was produced for 22 hours on July 29, 1957, but due to excess gas was shut in for additional completion work.

R&R Well Service moved in and rigged up August 17, 1957.

Howco mixed oil base mud on location to 8.3# per gal, viscosity 176.

Displaced well w/231 bbls oil base mud and shut well in while waiting for rig.

CP at start of pumping 2000 psi - TP at start of pumping 1400 psi.
Pressures 0# at completion of displacement.

August 18, 1957

Conditioned mud and circulated gas off bottom. Circulated 3 hrs. Tested BOPE to 1200 psi - held okay.

August 19, 1957

Tested perforated intervals using Howco straddle tester; on one run in hole:

Zone	Packers set	Tool open	Blow	Bottom Chart: IF	FF
6352-63	6342 & 72	30 min.	Strong - Gas 1 min.	38	50
6134-48	6128 & 58	18 min.	Weak, decr to dead	522	865
6035-43	6022 & 52	25 min.	Weak, NGTS	1015	2133
5841-57	5836 & 66	20 min.	Strong, gas 1 min, incr	2180	2258
5628-42	5618 & 48	12 hrs.	Weak, decr to dead	2308	2308

Initial hydrostatic 2780 psi. Bottom pkr held o.k. - all tests. Annulus took fluid 1st and 2nd tests. Apparently going away 6035-43

WELL NO.: 12-27A (#61) PROPERTY: Section 27A RED WASH FIELD

Tested the following perforated intervals using Howco straddle tester; on one run:

Zone	Pkr set	Tool open	Blow	IF	FF
5628-42	5618-48	31 min.	Strong blow, 161 MCF	450	915
5841-57	5831-61	25 min.	Lost gas-est 2½M MCF	1660	Blowed fluid out
6035-43	6025-55	30 min.	Strong to weak	498	1885

August 22, 1957

Ran Baker BP. and set @ 6058' Schl meas. Ran retainer and set @ 6020'. Howco squeezed zone 6035-43 w/125 sax regular cement by hesitation method.

Ran Baker magnesium retainer on tubing and set @ 5808'. Howco pumped 100 sax regular cement into zone 5841-57 by hesitation method.

August 26, 1957

Howco ran dry test - DST on zones 5841-57 and 6035-43'. Tool open 30 min, very weak blow thru-out test. SI 15 min. No build up. Rec 488' gas cut oil base mud - no water.

Salinity test from DST on zone 6035-43, now cemented off, was 18,800 ppm Cl.

August 28, 1957

Displaced OBM from tubing with Rangely crude.

Dowell sand/fraced interval 6352-63 w/48 bbls burner fuel #5 mixed w/1# sand per gal. Flushed w/39 bbls, preceded sand & oil w/8 bbls Rangely crude. Max press 4200 psi. Minimum press 4100 psi.

Tubing Detail:

Boll Weevil Hanger	.96
202 jts. 2½" Eue tubing	6229.02
1-Axelson PSN 4045	1.09
1-2½" EUE pup jt	8.08
1-2½" perforated jt	29.66
K.B. to hanger	12.00
Landed @	6280.81'

Rig released August 30, 1957.

W. E. WHITNEY

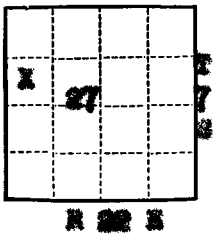
Form 9-331a
(Feb. 1951)

Copy H.L.C.

(SUBMIT IN TRIPLICATE)

Budget Bureau No. 42-R358.4.
Approval expires 12-31-60.

Land Office Salt Lake City
Lease No. U-0558
Unit Red Wash



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	X	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah August 16, 1962

Well No. 61 (12-27A) is located 803' ft. from {N} line and 689 ft. from {E} line of sec. 27
{S} {W}

SW 1/4 NW 1/4 27 (¼ Sec. and Sec. No.) 7S (Twp.) 22E (Range) SLBM (Meridian)

Red Wash (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the Kelly Bushing above sea level is 5420 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Confirming telephone conversation Locke-Russell 8-16-62
It is proposed to convert subject well to gas injection as follows:
1. Set cast-iron bridge plug at 5925' and cap with cement.
2. Cement squeeze perf'd interval 5628-5642'.
3. Clean out to 5910'.
4. Perforate intervals 5796-5801, 5815-5822, 5846-5852 and 5869-5884' with 4 - 1/2" jets/ft.
5. Acidize above perfs.
6. Run injection string.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by
R. W. PATTERSON
By R. W. PATTERSON

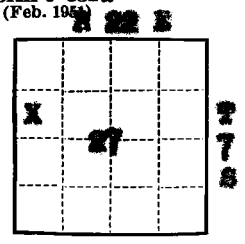
Title Field Superintendent

USGS, SLC-3; OMCCC, SLC-1; Calf, Denver-1; Conklins-1; RLG-1; File-1

GPO 862040

Copy H.E.C.

Form 9-331a
(Feb. 1951)



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake City
Lease No. U-0558
Unit Red Wash

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		SUBSEQUENT REPORT OF CHANGE OF STATUS TO GAS INJECTION	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Vernal, Utah October 10, 1962

Well No. 61 (12-27A) is located 2034 ft. from {N / S} line and 609 ft. from {E / W} line of sec. 27

SW 1/4 NW 1/4 27 (¼ Sec. and Sec. No.) | 7S (Twp.) | 22E (Range) | SLBM (Meridian)

Red Wash (Field) | Uintah (County or Subdivision) | Utah (State or Territory)

The elevation of the Kelly Bushing above sea level is 5480 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

The following work was done while converting this well to gas injection status:

1. Set cast iron bridge plug at 5925' and capped with 2 sacks cement.
2. Cement squeezed perforated interval 5688-5842'.
3. Cleaned out to 5910'.
4. Perforated intervals 5796-5801, 5815-5822, 5846-5852 and 5869-5884' with 4 - 1/2" jets per foot.
5. Acidized above perforations.
6. Set packers at 5835, 5806 and 5780'.
7. Ran injection string.

Well not yet placed on injection service. Subsequent report will follow.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company California Oil Company, Western Division

Address P. O. Box 455

Vernal, Utah

Original Signed by
R. W. PATTERSON

By R. W. PATTERSON

Title Field Superintendent

USGS, SLC-3; OGCC, SLC-1; Calf, Denver-1; Conline-1; RLH-1; File-1

GPO 914974

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER **Gas Injection**

2. NAME OF OPERATOR
Chevron Oil Company - Western Division

3. ADDRESS OF OPERATOR
P. O. Box 455, Vernal, Utah 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2034' FNL and 689' FWL Sec. 27, T7S, R22E, SLBM

43-047-16478

5. LEASE DESIGNATION AND SERIAL NO.
U-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
Unit #61 (12-27A)

10. FIELD AND POOL, OR WILDCAT
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 27, T7S, R22E, SLBM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB - 5420

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other) **Convert to Water Injection**			X	(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

It is proposed to convert subject well to water injection as follows:

1. **MU BOPE and pull injection string.**
2. **Run RBP and pressure test excluded perfs 5628-5642 (J_{40}) to 2500 psi surface pressure. Recement if necessary.**
3. **Reset RBP at ± 1000' and replace existing 2000# tubing head w/ 3000# tubing head. Retrieve RBP.**
4. **Rerun injection string as pulled with modifications to allow selective injection down tubing into perfs 5815-5822 (K_{40}) and down annulus into perfs 5796-5801 ($K_{20,30}$).**
5. **Swab test perfs 5815-5822' to determine if oil productive. Run static pressure survey subsequent to swabbing - regardless of swab results.**
6. **MU injection tree rigged for casing and tubing injection.**

Present Status: Shut-in gas injection well.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION
DATE 9-29-80
BY Cleon B. Feight

18. I hereby certify that the foregoing is true and correct
Original Signed by
SIGNED R. W. PATTERSON TITLE **Unit Superintendent** DATE 9/23/80
R. W. PATTERSON

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE 9-29-80
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; OGCC, SLC-2; Gulf, Okla. City-1; Gulf, Casper-1; Caulkins-1; Humble, Denver-1; File-1

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: U-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: Chevron Oil Company, Western Division

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 455, Vernal, Utah 84078

9. WELL NO.: Unit #61 (12-27A)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2034' FNL and 689' FWL of Sec. 27, T7S, R22E, SLBM

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 27, T7S, R22E, SLBM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB - 5420

12. COUNTY OR PARISH: Uintah

13. STATE: Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	☐	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐	(Other) Convert to Water Injection			X
(Other)			☐	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The following work was completed on subject well as of 10-9-70:

1. NU BOPE and pulled injection string.
2. Set RBP at ± 1000'. Pressure tested excluded perfs 5628-42'.
3. Resqueezed perfs 5628-42 with 200 sacks Type "G" cement.
4. RIH with modified injection string for injecting into perfs 5796-801 down annulus and perfs 5815-22' down tubing.
5. Swabbed perfs 5815-22 with inconclusive results.
6. Placed well on injection.

Prior Status: Shut-in gas injection well.
Injection After Job: Tubing - 1099 BPD, Vac.
Casing - 634 BPD, Vac.

18. I hereby certify that the foregoing is true and correct

SIGNED R. W. PATTERSON (Original Signed By R. W. PATTERSON) TITLE Unit Superintendent DATE 11/18/70

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS, SLC-3; O&GCC, SLC-2; Gulf, Casper-1; Gulf, Okla. City-1; Caulkins-1; Humble-1; File-1

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☐ OTHER Water Injection

2. NAME OF OPERATOR
Chevron U.S.A. Inc.

3. ADDRESS OF OPERATOR
P. O. Box 599, Denver, Colorado 80201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2034' FNL & 689' FWL (SW/4 NW/4)

5. LEASE DESIGNATION AND SERIAL NO.
4-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Red Wash

8. FARM OR LEASE NAME

9. WELL NO.
61 (12-27A)

10. FIELD AND POOL, OR WILDCAT
Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 27, T7S, R22E, SLBM

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
KB 5420

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

16. **Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data**

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF		PULL OR ALTER CASING		WATER SHUT-OFF		REPAIRING WELL	
FRACTURE TREAT	X	MULTIPLE COMPLETE		FRACTURE TREATMENT		ALTERING CASING	
SHOOT OR ACIDIZE	X	ABANDON*		SHOOTING OR ACIDIZING		ABANDONMENT*	
REPAIR WELL		CHANGE PLANS		(Other)			
(Other)				(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

It is proposed to replace corroded tubing, recover Logging Tool; perforate, acidize and repair casing, if necessary, as follows:

1. MIR & RU GIH w/fishing tools to recover tubing and logging tool. POOH.
2. Mill out 3 packers. Clean out hole w/bit and casing scraper. POOH.
3. GIH w/CIBP and set at ± 5,840'.
4. GIH w/RBP, Packer and work string. Test casing above 5,800. Cement squeeze any casing leaks. Straddle 5628-42' with RBP and Packer.
5. Perforate interval 5628-42. See attached
6. Acidize. see attached
7. POOH w/RBP and packer.
8. RIH w/Plastic-lined tubing, retrievable casing packer and set at ± 5600'.
9. Place well on injection service.

RECEIVED
NOV 16 1977
GAS & MINING

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING
DATE: Nov. 16, 1977
BY: P. L. Driscoll

3 - USGS
2 - State
3 - Partners
1 - JCB
1 - DLD
1 - Sec. 723
1 - File

No additional surface disturbances required for this activity.

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct
SIGNED J. J. Johnson TITLE Engineering Assistant DATE Nov 14, 1977

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NAME: RWU #61 (12-27A)

FIELD: Red Wash

PROPOSED PERFORATING PROCEDURE

1. Changes intended: Open additional sand for water injection.
2. Results anticipated: Flood adjacent wells in same sand.
3. Conditions of well which warrant such work: Corroded tubing has to be replaced. Sand is not open to water injection.
4. To be ripped or shot: Shot
5. Depth, number and size of shots (or depth of rips): 3 shots per foot.

   5628-42'

6. Date last Log of well filed:
7. Anticipated additional surface disturbances: None.
8. Estimated work date: November 28, 1977
9. Present production and status: Injecting.

Date	BOPD	MCFD	BWPD
10/77			477 Down Tubing 444 Down Casing - Tubing Annulus

JAM 6/8/76

WELL NAME: RWU #61 (12-27A)

FIELD: Red Wash

PROPOSED TREATMENT PROCEDURE

1. Objective: Stimulate sands, so injection water will enter the sands.
2. Size and type of treatment: 1,800 gals. 15% HCl
3. Intervals to be treated: 5815-22', 5796-5801', 5628-42'
4. Treatment down casing or tubing: Work string.
5. Method of localizing its effects: Retrievable Bridge Plug and Packer set to straddle perfs.
6. Disposal of treating fluid: Spent acid will be swabbed back.
7. Name of company to do work: Dowell, Halliburton or Western.
8. Anticipated additional surface disturbances: None.
9. Estimated work date: November 28, 1977
10. Present status, current production and producing interval:

Date	BOPD	MCFD	BWPD
10/77			477 Down Tubing
10/77			444 Down Casing - Tubing Annulus

JAM 6/8/76

Form 9-331
(May 1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.: 4-0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

RECEIVED
MAR 27 1978
DIVISION OF O.I.L. GAS & MINING

1. OIL WELL ☐ GAS WELL ☐ OTHER: Water Injection

7. UNIT AGREEMENT NAME: Red Wash

2. NAME OF OPERATOR: Chevron U.S.A. Inc.

8. FARM OR LEASE NAME:

3. ADDRESS OF OPERATOR: P. O. Box 599, Denver, CO 80201

9. WELL NO.: 61 (12-27A)

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 2034' FNL & 689' FWL SW¼ NW¼

10. FIELD AND POOL, OR WILDCAT: Red Wash

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 27, T7S, R22E, SLBM

14. PERMIT NO.:

15. ELEVATIONS (Show whether DF, RT, GR, etc.): KB 5420

12. COUNTY OR PARISH: Uintah

13. STATE: UT

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
TEST WATER SHUT-OFF	☐	PULL OR ALTER CASING	☐	WATER SHUT-OFF	☐	REPAIRING WELL	☐
FRACTURE TREAT	☐	MULTIPLE COMPLETE	☐	FRACTURE TREATMENT	☐	ALTERING CASING	☐
SHOOT OR ACIDIZE	☐	ABANDON*	☐	SHOOTING OR ACIDIZING	X	ABANDONMENT*	☐
REPAIR WELL	☐	CHANGE PLANS	☐				
(Other)				(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

The following work was done on well.

1. MIR & RU. NU BOPE. Fished for logging tool and tubing.
2. Milled out packers.
3. RIH w/bit and casing scraper. Cleaned out to 5915'.
4. RIH w/CIBP and set at 5840'.
5. RIH w/RBP, packer & work string.
6. Perforated as per the attached.
7. Acidized as per the attached.
8. POOH w/RBP and packer.
9. RIH w/plastic lined tubing, retrievable casing packer and set at 5602'.
10. Placed well on injection service.

3-USGS
2-State
3-Partners
1-JCB
1-DLD
1-SEC 723
1-File

No additional surface disturbances required for this activity.

18. I hereby certify that the foregoing is true and correct

SIGNED J. J. Johnson TITLE Engineering Assistant DATE 3/24/78

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NAME: RWU #61 (12-27A)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips): 3 shots per foot.

   5628-42

2. Company doing work: Oil Well Perforators
3. Date of work: February 1, 1978
4. Additional surface distrubances: None
5. Production after work:

Date	BOPD	MCFD	BWPD
3/21/78			2186 down tubing

JAM 6/8/76

WELL NAME RWU #61 (12-27A)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 1800 gals 15% HCl

2. Intervals treated: 5815-22, 5796-5801, 5628-42

3. Treatment down casing or tubing. Tubing (work string).

4. Methods used to localize effects: Retrievable bridge plug and packer set to straddle perfs.

5. Disposal of treating fluid: Spent acid was swabbed and flowed back.

6. Depth to which well was cleaned out: 5915'

7. Time spent bailing and cleaning out: 36 Days

8. Date of work: February 2, 3, 6, 1978.

9. Company who performed work: Dowell

10. Production interval: 5628-5822

11. Status and production before treatment:

Date	BOPD	MCFD	BWPD
10/77			477 down tubing
			444 down casing

12. Status and production after treatment:

Date	BOPD	MCFD	BWPD
3/21/78			2,186 down tubing

JAM 6/8/76

Form 9-331
Dec. 1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☐ other Injector (Water)
2. NAME OF OPERATOR
   Chevron U.S.A. Inc.
3. ADDRESS OF OPERATOR
   P. O. Box 599, Denver, CO. 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 2034' FNL & 689' FWL SWNW
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH:

5. LEASE
   U-0558
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
   Red Wash
9. WELL NO.
   61 (12-27A)
10. FIELD OR WILDCAT NAME
    Red Wash
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
    Sec. 27, T7S, R22E, SLBM
12. COUNTY OR PARISH
    Uintah
13. STATE
    Utah
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)
    KB 5423'

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	☐		☐
FRACTURE TREAT	☐		☐
SHOOT OR ACIDIZE	☐		X
REPAIR WELL	☐		☐
PULL OR ALTER CASING	☐		☐
MULTIPLE COMPLETE	☐		☐
CHANGE ZONES	☐		☐
ABANDON*	☐		☐
(other) Recompletion			

RECEIVED
SEP 17 1982
DIVISION OF OIL, GAS & MINING

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was recompleted as follows:

1) MIRU. KILL WELL. ND TREE, NU BOPE.
2) POOH W/TBG & PKR. C/O TO 5818.
3) SET CIBP @ 5780 & CAPPED W/2SXS CMT.
4) PERFD W/2 SPF AS SHOWN ON DETAIL SHEET.
5) SET RBP @ 5698 & PKR @ 5600.
6) ACDZD PERFS 5666-28 AS SHOWN ON DETAIL SHEET. FLWD WELL TO PIT.
7) SET RBP @ 5608 AND PKR @ 5507'.
8) ACDZD PERFS 5578-38 AS SHOWN ON DETAIL SHEET. FLWD WELL TO PIT.
9) POOH W/WRK STRNG, RBP & PKR.
10) RIH W/INJ STRNG & SET PKR @ 5487'.
11) PLACE WELL ON INJ. ND BOPE, NU TREE. RD MOL.

3-MMS
2-State
3-Partners
1-Fld Foreman
1-Sec 723
1-File

Subsurface Safety Valve: Manu. and Type ____ Set @ ____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Susan M. Jones TITLE Engineering Asst. DATE September 14, 1982

(This space for Federal or State office use)

APPROVED BY ____ TITLE ____ DATE ____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WELL NAME: RWU 61 (12-27A)

FIELD: Red Wash

COMPLETED PERFORATING PROCEDURE

1. Depth, number and size of shots (or depths of rips):

   5666-52 2 SPF
   5578-70 2 SPF
   5548-38 2 SPF

2. Company doing work: Oil well Perforators

3. Date of work: 8/31/82

4. Additional surface disturbances: None

5. Production after work:

Date	BOPD	MCFD	BWPD
7/82	-	-	899

WELL NAME RWU 61 (12-27A)

FIELD NAME Red Wash

COMPLETED TREATMENT PROCEDURE

1. Size and type of treatment: 1750 gals 15% HCL

2. Intervals treated:
   5666-28
   5578-38

3. Treatment down casing or tubing: Casing

4. Methods used to localize effects: No diversion

5. Disposal of treating fluid: Spent acid swabbed to frac tank.

6. Depth to which well was cleaned out: 5818'

7. Date of work: 9/1/82 & 9/2/82

8. Company who performed work: Dowell

9. Production interval: 5666-28 & 5578-38

10. Status and production before treatment:

Date	BOPD	MCFD	BWPD
4/82	-	-	± 1025

11. Status and production after treatment:

Date	BOPD	MCFD	BWPD
7/82	-	-	899

STATE OF UTAH
DIVISION OF OIL, GAS, AND MINING
ROOM 4241 STATE OFFICE BUILDING
SALT LAKE CITY, UTAH 84114
(801) 533-5771
(RULE I-5)

FORM NO. DOGM-UIC-1

RECEIVED
JUL 29 1983
DIVISION OF OIL, GAS & MINING

IN THE MATTER OF THE APPLICATION OF
Chevron U.S.A. Inc.
ADDRESS P. O. Box 599
Denver, CO ZIP 80201
INDIVIDUAL ___ PARTNERSHIP ___ CORPORATION X
FOR ADMINISTRATIVE APPROVAL TO DISPOSE OR
INJECT FLUID INTO THE RWU No. 61 WELL
SEC. 27 TWP. 7S RANGE 22E
Uintah COUNTY, UTAH

CAUSE NO. ___

ENHANCED RECOVERY INJ. WELL ☐
DISPOSAL WELL ☐

APPLICATION

Comes now the applicant and shows the Division the following:
1. That Rule I-5 (b) 6 authorizes administrative approval of enhanced recovery injections or disposal operations.
2. That the applicant submits the following information.

Lease Name	Well No.	Field	County
U-0558	61 (12-27A)	Red Wash	Uintah

Location of Enhanced Recovery Injection or Disposal Well SW¼NW¼ Sec. 27 Twp. 7S Rge. 22E

New Well To Be Drilled	Old Well To Be Converted	Casing Test
Yes ☐ No ☒	Yes ☐ No ☒	Yes ☒ No ☐ Date 7/1/57

Depth-Base Lowest Known Fresh Water Within ½ Mile	Does Injection Zone Contain Oil-Gas-Fresh Water Within ½ Mile	State What
2700	YES ☒ NO ☐	oil & gas

Location of Injection Source(s)	Geologic Name(s) and Depth of Source(s)
produced water	Green River 4500-5700

Geologic Name of Injection Zone	Depth of Injection Interval
Green River	5538 to 5666

a. Top of the Perforated Interval:	b. Base of Fresh Water:	c. Intervening Thickness (a minus b)
5538	2700	2838

Is the intervening thickness sufficient to show fresh water will be protected without additional data? (YES) NO

Lithology of Intervening Zones sand-shale

Injection Rates and Pressures
Maximum= 2500 B/D, Working = 800 B/D
Maximum= 3000 psi, Working = 2000 PSI

The Names and Addresses of Those To Whom Copies of This Application and Attachments Have Been Sent

Bureau of Land Management, State of Utah
1400 University Club Building
136 East South Temple
Salt Lake City, Utah 84111

State of Colorado)
County of Denver)

R.H. Elliott
Applicant

Before me, the undersigned authority, on this day personally appeared R. H. Elliott known to me to be the person whose name is subscribed to the above instrument, who being by me duly sworn on oath states, that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct.

Suscribed and sworn to before me this 19 day of July, 1983

SEAL

My commission expires ___

My commission expires July 5, 1987.

Lois J. Thompson
Notary Public in and for Colorado

(OVER)

FORM DOGM-UIC-1 (continued)

INSTRUCTIONS

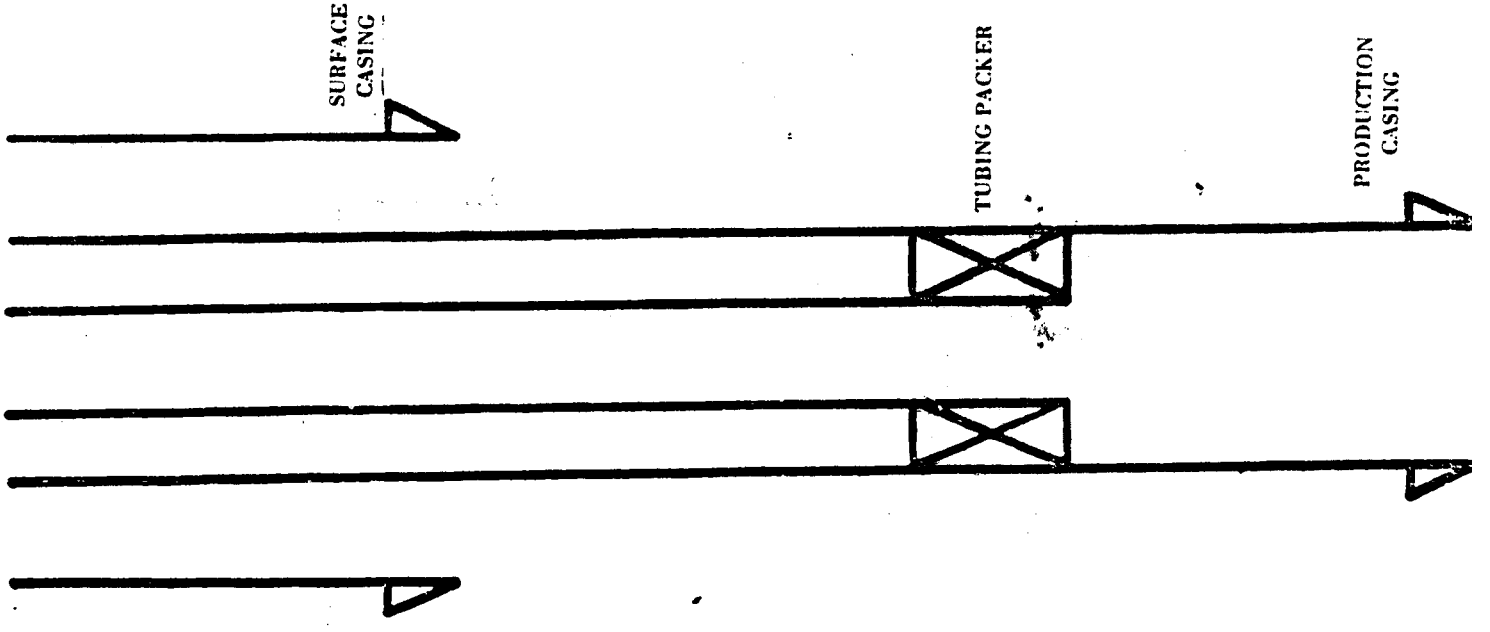
1. Attach qualitative and quantitative analysis of fresh water from 2 or more producing wells within 1 mile of injection well showing location of wells and date samples were taken, or statement as to why samples were not submitted.
2. Attach qualitative and quantitative analysis of representative sample of water to be injected.
3. Attach plat showing subject well and all known oil and gas wells, abandoned, drilling and dry holes within ½ mile, together and with name of operator.
4. Attach Drillers Log (Form DOGM-UIC-2). (Appropriate Surety must be on file with Conservation Division.)
5. Attach Electric or Radioactivity Log of Subject well (if released).
6. Attach schematic drawing of subsurface facilities including; Size, setting depth, amount of cement used measured or calculated tops of cement surface, intermediate (if any) and production casings; size and setting depth of tubing; type and setting depth of packer; geologic name of injection zone showing top and bottom of injection interval.
7. The original and 6 copies of application, and one complete set of attachments shall be mailed to the Division.
8. Deliver 1 copy of application to landowner on whose land injection well is located and to each operator of a producing leasehold within ½ mile of injection well.
9. Affidavit of mailing or delivery shall be filed not later than five days after the application is filed.
10. Notice that an application has been filed shall be published by the Division in a newspaper of general circulation in the county in which the well is located. The Division shall file proof of publication before the application is approved. The notice shall include name and address of applicant, location of proposed injection or disposal well, injection zone, injection pressure and volume. If no written objection is received within 15 days from date of publication the application will be approved administratively.
11. A well shall not be used for injection or disposal unless completed machine accounting Form DOGM-UIC-3b is filed September 1st, each year.
12. Approval of this application, if granted, is valid only as long as there is no substantial change in the operations set forth in the application. A substantial operation change requires the approval of a new application.
13. If there is less intervening thickness required by Rule I-5 (b) 4 attach sworn evidence and data.

CASING AND TUBING DATA

NAME OF STRING	SIZE	SETTING DEPTH	SACKS CEMENT	TOP OF CEMENT	TOP DETERMINED BY
Surface	10-3/4"	223	175	surface	returns
Intermediate					
Production	7"	6499	350	+4190	calculated
Tubing	2-7/8"	5495	Name - Type - Depth of Tubing Packer: Baker FH @5480		

Total Depth	Geologic Name - Inj. Zone	Depth - Top of Inj. Interval	Depth - Base of Inj. Interval
6500	Green River	5538	5666

SKETCH - SUB-SURFACE FACILITY



CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

* * * * * * * * *

Operator: Chevron Well No. 12-27A (G1)

County: Uintah T 7S R 22E Sec. 27 API# 43-047-16478

New Well ___ Conversion ✓ Disposal Well ___ Enhanced Recovery Well ___

	YES	NO
UIC Forms Completed	✓	
Plat including Surface Owners, Leaseholders, and wells of available record	✓	
Schematic Diagram	✓	
Fracture Information	✓	
Pressure and Rate Control	✓	
Adequate Geologic Information	✓	
Fluid Source	Greenriver	

Analysis of Injection Fluid — Yes ✓ No ___ TDS 5460

Analysis of Water in Formation to be injected into — Yes ✓ No ___ TDS 21,667

Known USDW in area Uintah Depth 2700

Number of wells in area of review 4 Prod. 3 P&A 0

Water 0 Inj. 1

Aquifer Exemption — Yes ✓ NA ___

Mechanical Integrity Test — Yes ✓ No ___

Date 5/10/83 Type 1000 PSI-10 min

Comments: CK 1-25-82 Injection CTA Approved

Reviewed by: ___

Form UIC-2

(To be filed within 30 days after drilling is completed)

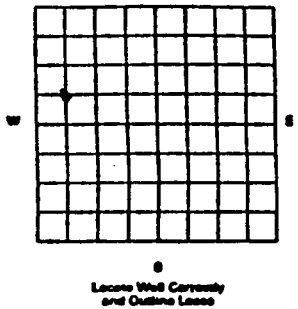
COUNTY LEASE NO.

DEPARTMENT OF NATURAL RESOURCES AND ENERGY

DIVISION OF OIL, GAS, AND MINING
Room 4241 State Office Building
Salt Lake City, Utah 84114

API NO 43-047-05379

640 Acres N



COUNTY Uintah SEC. 27 TWP. 7S RGE. 22E

COMPANY OPERATING Chevron U.S.A. Inc.

OFFICE ADDRESS P. O. Box 599

TOWN Denver STATE ZIP CO 80201

FARM NAME Red Wash WELL NO. 61

DRILLING STARTED 5/23 19 57 DRILLING FINISHED 6/29 19 57

DATE OF FIRST PRODUCTION 9/12/57 COMPLETED 8/30/57

WELL LOCATED SW ¼ NW ¼ ¼

606 FT. FROM SL OF ¼ SEC. & 689 FT. FROM WL OF ¼ SEC.

ELEVATION ~~DERRICK FLOOR~~ KB 5420 GROUND 5407.6

TYPE COMPLETION

Single Zone X Order No.

Multiple Zone Order No.

Comingled Order No.

LOCATION EXCEPTION Order No. Penalty

OIL OR GAS ZONES

Name	From	To	Name	From	To
Green River	4500	5700			

CASING & CEMENT

Casing Set				Csg. Test	Cement		
Size	Wgt	Grade	Feet	Psi	Sax	Fillup	Top
10-3/4"	40.5#	J-55	223	1200	175	-	surface
7"	23#	N-80 J-55	6499	1600	350	-	±4190

TOTAL DEPTH 6500

PACKERS SET ±5480

COMPLETION & TEST DATA BY PRODUCING FORMATION

	1	2	3
FORMATION	Green River		
SPACING & SPACING ORDER NO.	80 -acre spacing		
CLASSIFICATION (Oil; Gas; Dry; Inj. Well)	Enhanced recovery		
PERFORATED INTERVALS	5538-48 5570-78 5628-42 5652-66		
ACIDIZED?	All perforated intervals acidized		
FRACTURE TREATED?			

INITIAL TEST DATA

Date	9/12/57 to	10/11/57	
Oil. bbl./day	104		
Oil Gravity	25.2		
Gas. Cu. Ft./day	M CF	CF	CF
Gas-Oil Ratio Cu. Ft./Bbl.	106 1019		
Water-Bbl./day	98		
Pumping or Flowing	pumping		
CHOKE SIZE			
FLOW TUBING PRESSURE			

A record of the formations drilled through, and pertinent remarks are presented on the reverse. (use reverse side)

R H Elliott

I, the undersigned, being first duly sworn upon oath, state that this well record is true, correct and complete according to the records of this office and to the best of my knowledge and belief.

My commission expires May 5, 1987 R. H. Elliott - Area Prod. Supt.

(303) 661-7437 Name and title of representative of company

My business address is:

1700 Broadway Blvd.

Denver, CO 80222

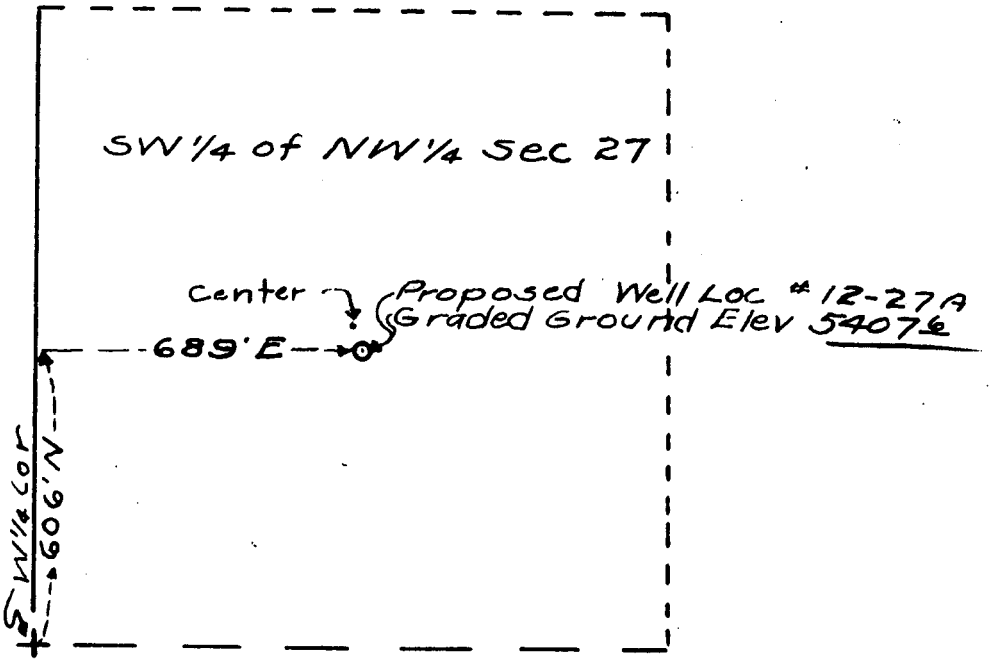
Subscribed and sworn before me this 19 day of July, 19 83.

Lois J. Thompson

Red Wash Unit #12-27A

PLAT SHOWING
PROPOSED LOCATION OF THE STANDARD OIL COMPANY OF CALIFORNIA WELL IN THE $SW\frac{1}{4}$ $NW\frac{1}{4}$ OF SECTION 27, TOWNSHIP 7 SOUTH, RANGE 22 EAST, SALT LAKE BASE AND MERIDIAN.

Scale of plat 1" = 400 feet

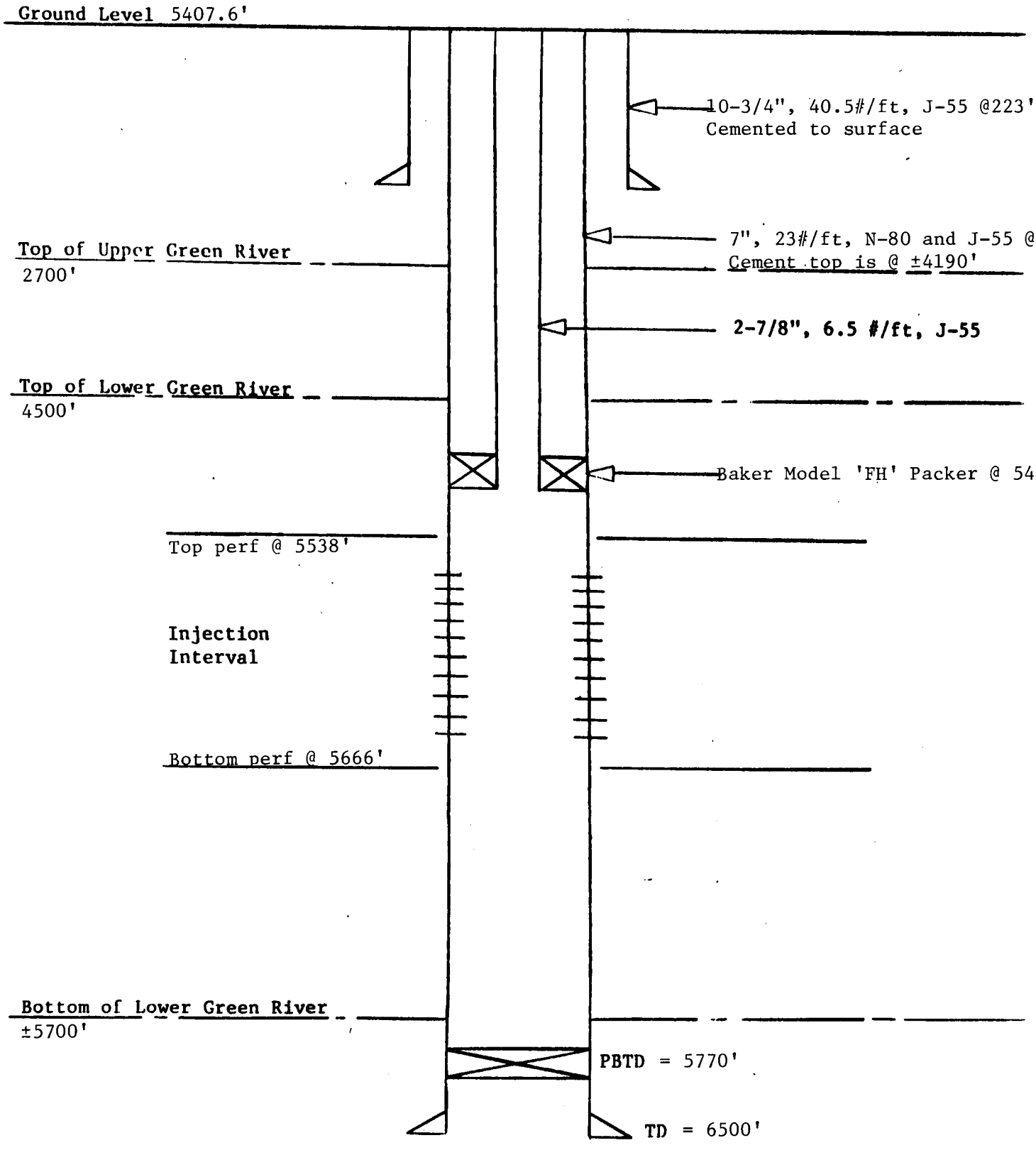


I, Leon P. Christensen, of Vernal, Utah, do hereby certify that this plat correctly shows the proposed location of the well shown hereon as surveyed by me on May 4, 1957, and levels run on June 1, 1957; that said well is located at a point 606 feet North and 689 feet East of the West quarter Corner Section 27, Township 7 South, Range 22 East, Salt Lake Base and Meridian.

Leon P Christensen
Prof. Engr. and Land Surveyor

Chevron U.S.A. Inc.

RED WASH UNIT
WATER INJECTION WELL
WELLBORE SCHEMATIC



Redwash Unit 61(12-27A)
Wellbore Schematic

CBL DESCRIPTIONS

Injection Well

RWU No. 61 (12-27A)

A cement bond log is not available for No. 61 (12-27A). The cement top is calculated to be at ± 4190. The injection interval is 5538'-5666'.

Offset Producers

RWU No. 104 (14-22A)

A cement bond log is not available for No. 104 (14-22A). The cement top is calculated to be at ± 3410'. The production interval is 5526'-5656'.

RWU No. 112 (32-28A)

The CBL indicates good bond quality from TD (5912') to the cement top of 4580' with a poor section from 5750'-5850'. The gross perforated interval is 5670'-5866'.

RWU No. 114 (41-28A)

A cement bond log is not available for No. 114 (41-28A). The cement top is calculated to be at ± 3525'. The production interval is 5512'-5644'.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
INJECTION WELL INSPECTION RECORD

OPERATOR: Chevron API: 43-047-16478

WELL NAME: RWU #61 (12-27A) FIELD: Red Wash

SECTION: 27 TWP: 7S0 RANGE: 22E SIGN: X

INJECTION TYPE:
DISPOSAL: _____ ENHANCED RECOVERY: X STORAGE: _____

SINGLE COMPLETION: ✓

TUBING PRESSURE: _____ CASING PRESSURE: _____

SURFACE CASING PRESSURE: _____

INJECTING: _____ SHUT-IN: X

TOTAL BARRELS: 460148 RATE: 0.00

DUAL COMPLETION:

TUBING PRESSURE: _____ CASING PRESSURE: _____

SURFACE CASING PRESSURE: _____

A. SHORT STRING:

INJECTING: _____ SHUT-IN: _____

TOTAL BARRELS: _____ RATE: _____

B. LONG STRING:

INJECTING: _____ SHUT-IN: _____

TOTAL BARRELS: _____ RATE: _____

REMARKS: loc, wh, shed

INSPECTOR: Bubby TIME: 12:43 DATE: 11/7/88

REPORT OF UNDESIRABLE EVENT

NTL–3A (EFFECTIVE MARCH 1, 1979)

RECEIVED
FEB 4 1985
DIVISION OF OIL GAS & MINING

To: District Manager, B.L.M., Fluid Minerals
From: Chevron U.S.A. Inc., P. O. Box 599, Denver, Colorado 80201

1. Spill X Discharge _____ Blowout _____ Accident _____ Fire or Explosion _____
2. BBLS Discharged: 75 Bbls Injection Water BBLS Lost: 75 Bbls.
3. Contained on location: Yes X No ____
4. Date and time of event: 02-01-85 / 10:30 am
5. Date and time reported to B.L.M.: 02-01-85 / 1:10 pm
6. Location of event: Red Wash Unit 12-27A
7. Specific nature and cause of event
   Leak in line.
8. Describe resultant damage:

   None
9. Time required for control of event: None upon discovery.
10. Action taken to control and contain:
    Shut off flow and repaired line.
11. Action taken to prevent recurrence:
    Repaired line.
12. Cause of death:

*13. Other agencies notified:
Utah State Dept. of Health, Bureau of Water Pollution Control / 02-01-85 / 1:15 pm Don Hilden
State of Utah Dept. of Natural Resources / Ron Firth / 02-01-85 / 1:15 pm.
EPA Region VIII, Denver / Martin Byrne / 02-01-85 / 1:20 pm
14. Other pertinent information:

Signature C. E. Sims Date 02-01-85

Title Relief Assistant Production Foreman

* A COPY OF THIS FORM WAS MAILED TO EACH AGENCY LISTED IN PARAGRAPH 13 ABOVE.

Chevron U.S.A. Inc.
700 South Colorado Blvd., P. O. Box 599, Denver, CO 80201

February 14, 1985

R. H. Elliott
Area Superintendent

State of Utah Department of Natural Resources
Division of Oil, Gas & Mining
355 West North Temple
3 Traid Center, Ste. 350
Salt Lake City, UT 84180-1203

Attention Mr. R. Firth:

Gentlemen:

The attached spill report will confirm our recent telephone report to your office of a spill of 100 barrels of injection water from water injection line to Unit #12-27A well located in Red Wash Unit, Uintah County, Utah on February 13, 1985 at 8:00 A.M.

All of the spilled injection water soaked into the ground. No spilled material reached any navigable stream bed or tributary.

Very truly yours,

M L Swetnam

for R. H. Elliott

MLS:js
Attachment

cc: Mr. O. M. Paschke

SPILL REPORT TO REGULATORY AGENCIES
CHEVRON U.S.A. INC., CENTRAL REGION
P.O. BOX 599
DENVER, CO 80201

Field/Facility: Water injection line to Unit 12-27A well in Red Wash Unit

Location: Township 7S Range 22E Section 27 QTR/QTR SW/NW

County: Uintah

State: Utah

Date of Spill/Time: February 13, 1985 at 8:00 a.m.

Fluid Spilled: Oil 0 Bbls, Injection Water 100 Bbls, Other 0 Bbls

Fluid Recovered: Oil 0 Bbls, Water 0 Bbls, Other 0 Bbls

Agencies Notified/Date/Time: Telephoned by Daisy Joslin:

- BLM, Fluid Minerals, Vernal (B. Palmer) 2/13/85, 11:00 a.m.
- Utah Dept. of Health, Bureau of Water Pollution (M. Slam) 2/13/85, 11:05 a.m.
- State of Utah Bur. of Nat. Resouces (R. Firth) 2/13/85, 11:15 a.m.
- EPA, Region VIII, Denver (R. Jones) 2/13/85, 11:20 a.m.

How spill occurred: External corrosion caused a leak in steel water injection line and permitted 100 barrels of injection water to spill on the ground and run about one half mile. It all soaked into the ground. No spilled material reached any navigable stream bed or tributary.

Control and cleanup methods used:

Shut off the flow.
Very little clean up could be done because all the injection water soaked into ground.

Estimated damage:

No land damage.
Estimated clean-up and repair cost $500.00.

Action taken to prevent recurrence:

Replaced section of defective, leaking pipe.

Who to contact for further information:

Mr. R. K. Wackowski
Assistant Production Foreman
Chevron U.S.A. Inc.
Red Wash Unit
P.O. Box 455
Vernal, Utah 84078
(801) 789-2442

February 14, 1985
Date Report Prepared

REPORT OF UNDESIRABLE EVENT

NTL–3A (EFFECTIVE MARCH 1, 1979)

To: District Manager, B.L.M., Fluid Minerals
From: Chevron U.S.A. Inc., P. O. Box 599, Denver, Colorado 80201

1. Spill XX Discharge _____ Blowout _____ Accident _____ Fire or Explosion _____
2. BBLS Discharged: 100 Bbls. Produced Water BBLS Lost: 100 Bbls. Produced Water
3. Contained on location: Yes X No ____
4. Date and time of event: 02-13-85 8:00 am
5. Date and time reported to B.L.M.: 02-13-85 11:00 am
6. Location of event: RWU Water Injection line 12-27A
7. Specific nature and cause of event
   External corrosion caused leak in pipe.
8. Describe resultant damage:
   None.
9. Time required for control of event: None upon discovery.
10. Action taken to control and contain:
    Water injection station shut down. Leak repaired.
11. Action taken to prevent recurrence:
    Line repaired. Major repair job on area of line will be performed as soon as possible.
12. Cause of death:

*13. Other agencies notified:
2-13-85 / 11:05 am
Utah State Dept. of Health, Bureau of Water Pollution Control / Mohamad Slam /
State of Utah Dept. of Natural Resources / Ron Firth / 2-13-85 / 11:15 am
Environmental Protection Agency Region VIII / Richard Jones / 2-13-85 / 11:20 am

14. Other pertinent information:

Signature R K Wachowski Date 02-13-85

Title Assistant Production Foreman

* A COPY OF THIS FORM WAS MAILED TO EACH AGENCY LISTED IN PARAGRAPH 13 ABOVE.

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.: **U-0558**

6. If Indian, Allottee or Tribe Name: **N/A**

7. If Unit or CA, Agreement Designation: **RED WASH UNIT**

1. Type of Well
   Oil Well [ ] Gas Well [ ] Other [X] WATER INJECTION

8. Well Name and No.: **RED WASH UNIT 61 12-27A**

2. Name of Operator: **CHEVRON U.S.A. PRODUCTION COMPANY**

9. API Well No.: **43-047-16478**

3. Address and Telephone No: **11002 E. 17500 S. VERNAL, UT 84078-8526** **(801) 781-4300**

10. Field and Pool, or Exploratory Area: **RED WASH - GREEN RIVER**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   1980' FNL & 660' FWL (SW NW) SECTION 27, T7S, R22E, SLBM

11. County or Parish, State: **UINTAH, UTAH**

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[ ] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **TUBING LEAK**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

1. **MIRU. ND WH and NU BOPE.**
2. **Release packer and TOH with tubing.**
3. **Clean out to PBTD with bit and scraper.**
4. **Hydrotest in hole with redressed packer and internally coated injection string.**
5. **Circulate packer fluid and freeze blanket, set apcker at ~5450'.**
6. **ND BOPE and NU WH.**
7. **Conduct mechanical integrity test per EPA guidelines (1000 PSI with less than 10% loss in 20 Min.). Record results on chart and attached EPA form.**
8. **RDMO.**

Accepted by the State of Utah Division of Oil, Gas and Mining
Date: 1-13-97
By:

RECEIVED
DEC 23 1996
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed D C Tanner Title **Computer Systems Operator** Date **12/19/96**

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Chevron

MARCH 29, 1999

WELL STATUS CHANGE NOTIFICATION
RWU #61 (12-27A), UT-02422 43-047-16478
RWU #215 (43-28A), UT-02445 43-047-30103
RED WASH UNIT
UINTAH COUNTY, UTAH

Chevron U.S.A. Production Co.
Rocky Mountain Profit Center
11002 East 17500 South
Vernal, UT 84078-8526
(801) 781-4300

MR. JOHN CARSON
UIC IMPLEMENTATION SECTION
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION VIII
999 18th STREET - SUITE 500
DENVER, CO 80202-2466
8ENF-T

Dear Mr. Carson:

The captioned Class II ER wells were shut in on March 25, 1999, and we have no immediate plans to return the wells to service. TA status approval is requested, as they may be needed in the future given several updip offset development drilling locations. Please note that this change in status makes each due for mechanical integrity testing on March 25, 2001.

If you have any questions or comments, please contact me at (435) 781-4301.

Sincerely,

J. T. CONLEY
RED WASH ASSET TEAM LEADER

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
U-0558

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
RED WASH UNIT

1. Type of Well
Oil Well [ ] Gas Well [ ] [X] Other INJECTOR

8. Well Name and No.
RED WASH UNIT 61 12-27A

2. Name of Operator
CHEVRON U.S.A. PRODUCTION COMPANY

9. API Well No.
43-047-16478

3. Address and Telephone No
11002 E. 17500 S. VERNAL, UT 84078-8526 (801) 781-4300

10. Field and Pool, or Exploratory Area
RED WASH - GREEN RIVER

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
2034 689
~~1980~~' FNL & ~~660~~' FWL (SW NW) SECTION 27, T7S, R22E, SLBM

11. County or Parish, State
UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[ ] Recompletion	[ ] New Construction
[X] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other TA STATUS FOR WELL	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE BELIEVE A RETURN TO INJECTION COULD BE JUSTIFIED IN THE FUTURE.

Accepted by the Utah Division of Oil, Gas and Mining
FOR RECORD ONLY

COPY SENT TO OPERATOR
Date: 4-15-99
Initials: CHD

RECEIVED
APR 2 1999
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed D. C. BEAMAN D C Beaman Title COMPUTER SYSTEMS OPERAOTR Date 4/1/1999

(This space for Federal or State office use)

Approved by: Title Date

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See Instruction on Reverse Side**

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well
   Oil Well [ ] Gas Well [ ] Other [X] MULTIPLE WELLS SEE ATTACHED LIST
2. Name of Operator
   CHEVRON U.S.A. INC.
3. Address and Telephone No
   11002 E. 17500 S. VERNAL, UT 84078-8526 **(801) 781-4300**
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

5. Lease Designation and Serial No.
6. If Indian, Allottee or Tribe Name
   N/A
7. If Unit or CA, Agreement Designation
   RED WASH UNIT
   I-SEC NO 761
8. Well Name and No.
9. API Well No.
10. Field and Pool, or Exploratory Area
    RED WASH - GREEN RIVER
11. County or Parish, State
    UINTAH, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[ ] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
[X] Subsequent Report	[ ] Recompletion	[ ] New Construction
[ ] Final Abandonment Notice	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
	[ ] Altering Casing	[ ] Conversion to Injection
	[X] Other **CHANGE OF OPERATOR**	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

As of January 1, 2000 Chevron U.S.A. INC. resigns as Operator of the Red Wash Unit.
The Unit Number is I-SEC NO 761 effective October 31, 1950.

The successor operator under the Unit Agreement will be
Shenandoah Energy Inc.
475 17th Street, Suite 1000
Denver, CO 80202

Agreed and accepted to this 29th day of December, 1999

Shenandoah Energy Inc.

By: _____
Mitchell L. Solich
President

RECEIVED
DEC 30 1999
DIVISION OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed **A. E. Wacker** A. E. Wacker Title **Assistant Secretary** Date **12/29/99**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING	
1. GLH	4-KAS ✓
2. CDW	5-SJ ✓
3. JLT	6-FILE

Enter date after each listed item is completed

X Change of Operator (Well Sold) Designation of Agent

Operator Name Change (Only) Merger

The operator of the well(s) listed below has changed, effective: **01/01/2000**

FROM: (Old Operator):	**TO:** (New Operator):
CHEVRON USA INC	SHENANDOAH ENERGY INC
Address: 11002 E. 17500 S.	Address: 11002 E. 17500 S.
VERNAL, UT 84078-8526	VERNAL, UT 84078
Phone: 1-(435)-781-4300	Phone: 1-(435)-781-4300
Account No. N0210	Account No. N4235

CA No. **Unit:** **RED WASH**

WELL(S)

NAME	API	ENTITY	SECTION	TOWNSHIP	RANGE	LEASE
RWU 100A (43-21A) (wiw)	43-047-15219	5670	21	07S	22E	FEDERAL
RWU 216 (21-27A) (wiw)	43-047-30103	99996	21	07S	22E	FEDERAL
RWU 199 (43-22A) (wiw)	43-047-15301	99996	22	07S	22E	FEDERAL
RWU 61 (12-27A) (wiw)	43-047-16478	99996	27	07S	22E	FEDERAL
RWU 215 (43-28A) (wiw)	43-047-30058	99996	28	07S	22E	FEDERAL
RWU 202 (21-34A) (wiw)	43-047-15303	99996	34	07S	22E	FEDERAL
RWU 68 (41-13B) (wiw)	43-047-16485	99996	13	07S	23E	FEDERAL
RWU 170 (41-15B) (wiw)	43-047-16495	99996	15	07S	23E	FEDERAL
RWU 324 (23-16B) (wiw)	43-047-33084	99999	16	07S	23E	FEDERAL
RWU 88 (23-18B) (wiw)	43-047-15210	5670	18	07S	23E	FEDERAL
RWU 150 (31-22B) (wiw)	43-047-15263	99996	22	07S	23E	FEDERAL
RWU 102 (41-24A) (wiw)	43-047-15221	5670	24	07S	23E	FEDERAL
RWU 263 (24-26B) (wiw)	43-047-30518	99996	26	07S	23E	FEDERAL
RWU 265 (44-26B) (wiw)	43-047-30520	99996	26	07S	23E	FEDERAL
RWU 266 (33-26B) (wiw)	43-047-30521	99996	26	07S	23E	FEDERAL
RWU 269 (13-26B) (wiw)	43-047-30522	99996	26	07S	23E	FEDERAL
RWU 93 (43-27B) (wiw)	43-047-16480	99996	27	07S	23E	FEDERAL
RWU 134 (14-28B) (wiw)	43-047-16489	99996	28	07S	23E	FEDERAL
RWU 16 (43-28B) (wiw)	43-047-16475	99996	29	07S	23E	FEDERAL
RWU 139 (43-29B) (wiw)	43-047-16490	99996	29	07S	23E	FEDERAL
RWU 271 (42-35B) (wiw)	43-047-31081	5670	35	07S	23E	FEDERAL
RWU 97 (23-18C) (wiw)	43-047-15216	99996	18	07S	24E	FEDERAL

OPERATOR CHANGES DOCUMENTATION

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 12/30/1999
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 08/09/2000
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database on:** 08/23/2000

4. Is the new operator registered in the State of Utah: YES Business Number: 224885

5. If **NO**, the operator was contacted contacted on: _____

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 02/04/2000

7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 02/04/2000

8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: N/A

9. **Underground Injection Control ("UIC"** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 08/24/2000

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 08/23/2000

2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 08/23/2000

3. Bond information entered in RBDMS on: N/A

4. Fee wells attached to bond in RBDMS on: N/A

STATE BOND VERIFICATION:

1. State well(s) covered by Bond No.: N/A

FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed has furnished a bond: N/A

2. The **FORMER** operator has requested a release of liability from their bond on: N/A
   The Division sent response by letter on: N/A

3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

FILMING:

1. All attachments to this form have been **MICROFILMED** on: 3.5.01

FILING:

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: _____

COMMENTS:

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

RECEIVED
FEB 07 2000
DIVISION OF
OIL, GAS AND MINING

IN REPLY REFER TO
UT-931

February 4, 2000

Shenandoah Energy Inc.
Attn: Rae Cusimano
475 17th Street, Suite 1000
Denver, Colorado 80202

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On December 30, 1999, we received an indenture whereby Chevron U.S.A. Inc. resigned as Unit Operator and Shenandoah Energy Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 4, 2000. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your statewide (Utah) oil and gas bond No. 0969 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure

cc: Chevron U.S.A. Inc.

bcc: Field Manager - Vernal (w/enclosure)
Division of Oil, Gas & Mining
Minerals Adjudication Group U-932
File - Red Wash Unit (w/enclosure)
MMS - Data Management Division
Agr. Sec. Chron
Fluid Chron

UT931:TAThompson:tt:2/4/00

SHENANDOAH ENERGY INC.

11002 E. 17500 S.
VERNAL, UT 84078
PHONE: (435) 781-4300
FAX: (435) 781-4329

RED WASH UNIT

RW #11 (34-27B)	SWSE-27-7S-23E	43-047-15142
RW #14 (14-13B)	SWSW-13-7S-23E	43-047-15144
RW #148 (13-22B)	NWSW-22-7S-23E	43-047-15261
RW #156 (23-15B)	NESW-15-7S-23E	43-047-15267
RW #17 (41-20B)	NENE-20-7S-23E	43-047-15146
RW #173 (21-21B)	NENW-21-7S-23E	43-047-16496
RW #174 (21-20B)	NENW-20-7S-23E	43-047-15281
RW #182 (14-21B)	SWSW-21-7S-23E	43-047-16497
RW #183 (33-13B)	NWSE-13-7S-23E	43-047-15289
RW #185 (41-14B)	NENE-14-7S-23E	43-047-16498
RW #2 (14-24B)	SWSW-24-7S-23E	43-047-16472
RW #23 (21-23B)	NENW-23-7S-23E	43-047-15151
RW #25 (23-23B)	NESW-23-7S-23E	43-047-16476
RW #261 (23-17B)	NESW-17-7S-23E	43-047-32739
RW #264 (31-35B)	NWNE-35-7S-23E	43-047-30519
RW #268 (43-17B)	NESE-17-7S-23E	43-047-32980
RW #275 (31-26B)	NWNE-26-7S-23E	43-047-31077
RW #279 (11-36B)	NWNW-36-7S-23E	43-047-31052
RW #34 (-23-14B)	NESW-14-7S-23E	43-047-15161
RW #56 (41-28B)	NENE-28-7S-23E	43-047-15182
RW #59 (12-24B)	SWNW-24-7S-23E	43-047-16477
RW #6 (41-21B)	NENE-21-7S-23E	43-047-16482
RW #91 (33-22B)	NWSE-22-7S-23E	43-047-16479
RW #93 (43-27B)	NESE-27-7S-23E	43-047-16480
RW #134 (14-28B)	SWSW-28-7S-23E	43-047-16489
RW #139 (43-29B)	NESE-29-7S-23E	43-047-16490
RW #150 (31-22B)	NWSE-22-7S-23E	43-047-15263
RW #16 (43-28B)	NESE-28-7S-23E	43-047-16475
RW #170 (41-15B)	NENE-15-7S-23E	43-047-16495
RW #263 (24-26B)	SESW-26-7S-23E	43-047-30518
RW #265 (44-26B)	SESE-26-7S-23E	43-047-30520
RW #266 (33-26B)	NWSE-26-7S-23E	43-047-30521
RW #269 (13-26B)	NWSW-26-7S-23E	43-047-30522
RW #271 (42-35B)	SENE-35-7S-23E	43-047-31081
RW #68 (41-13B)	NENE-13-7S-23E	43-047-16485
RW #97 (23-18C)	NESW-18-7S-24E	43-047-15216
RW #7 (41-27B)	NENE-27-7S-23E	43-047-15205
RW #324 (23-16B)	NESW-16-7S-23E	
RW #301 (43-15B)	NESE-15-7S-23E	43-047-31682
RW #100A (43-21A)	NESE-21-7S-22E	43-047-15219
RW #199 (43-22A)	NESE-22-7S-22E	43-047-15301
RW #216 (21-27A)	NENW-21-7S-22E	43-047-30103
RW #258 (34-22A)	SWSE-22-7S-22E	43-047-30458
RW #202 (21-34A)	NENW-34-7S-22E	43-047-15303
RW 3215 (43-28A)	NESE-28-7S-22E	43-047-30058
RW #61 (12-27A)	SWNW-27-7S-22E	43-047-16478
RW #102 (41-24A)	NENE-24-7S-23E	43-047-15221
RW #88 (23-18B)	NESW-18-7S-23E	43-047-15210
RW #283 (43-18B)	NESE-18-7S-23E	43-047-32982
RW #52 (14-18B)	SWSW-18-7S-23E	43-047-15178
RW #161 (14-20B)	SWSW-20-7S-23E	43-047-15271

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

TRANSFER OF AUTHORITY TO INJECT - UIC FORM 5

Well name and number: See Attachment

Field or Unit name: _____ API no. _____

Well location: QQ ____ section ___ township ____ range ____ county _____

Effective Date of Transfer: _____

CURRENT OPERATOR

Transfer approved by:

Name R.K. Wackowski
Signature
Title Unit Manager
Date 7/28/00

Company Chevron Production Co.
Address 100 Chevron Rd.
Rangely, Colo. 81648
Phone (970) 675-3714

Comments:

NEW OPERATOR

Transfer approved by:

Name John Conley
Signature
Title District Manager
Date 7-21-00

Company Shenandoah Energy Inc.
Address 11002 E. 17500 S.
Vernal, UT 84078
Phone (435) 781-4300

Comments:

(State use only)
Transfer approved by [signature] Title Tech. Services Manager
Approval Date 8-24-00

RECEIVED
AUG 9 2000
DIVISION OF

(/89)

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8ENF-T)
999 18TH STREET, SUITE 500, DENVER,CO. 80202-2466

EPA WITNESS: _____ DATE: 3/7/2001 TIME: 12:10 AM (PM)

TEST CONDUCTED BY: MIKE JOHNSON

OTHERS PRESENT: _____

WELL:	61(12-27A)	WELL ID.	API 43-047-16478 EPA UT02422
FIELD:	RedWash	COMPANY:	SHENANDOAH ENERGY INC.
WELL LOCATION:	SW NW SEC 27 T7S R22E	ADDRESS:	11002 EAST 17500 SOUTH VERNAL, UTAH 84078
WELL STATUS:	TA		

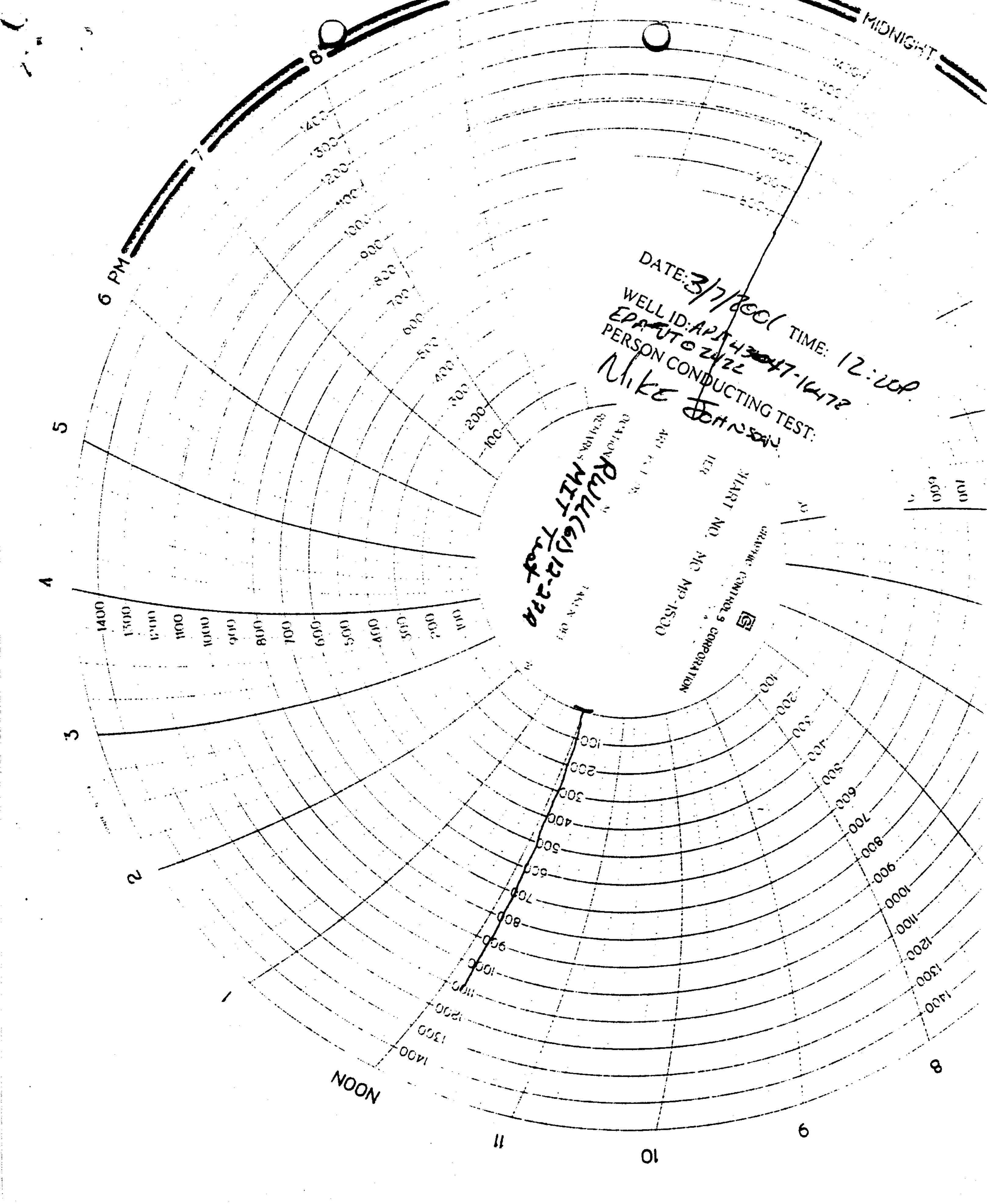
		TEST #1		TEST #2		TEST #3
TIME		CASING PRESSURE	TIME	CASING PRESSURE	TIME	CASING PRESSURE
12:00	0 MIN	1110				
12:05	5	1110				
12:00	10	1110				
12:15	15	1110				
12:20	20	1110				
12:25	25	1110				
12:30	30 MIN	1110				
	35					
	40					
	45					
	50					
	55					
	60 MIN					

START TUBING PRESSURE, PSIG 750 PSI

END TUBING PRESSURE, PSIG 750 PSI

RESULTS (CIRCLE) PASS FAIL

SIGNATURE OF EPA WITNESS: _____


DATE: 3/7/2001 TIME: 12:00p
WELL ID: API 43-047-16478
PERSON CONDUCTING TEST:
Mike Johnson
MIT Test
GRAPHIC CONTROLS CORPORATION
CHART NO. MC MP-1500
MIDNIGHT
6 PM
NOON

SHENANDOAH ENERGY INC.

11002 East 17500 South
Vernal, Utah 80478
(435) 781-4300
Fax (435) 781-4329

March 15, 2001

MECHANICAL INTEGRITY TESTS
Various Wells
Red Wash Unit
Uintah County, Utah

Mr. Al Craver
Underground Injection Control Program
United States Environmental Protection Agency
Region VIII
999 18th Street – Suite 300
Denver, Colorado 80202-2466

Dear Mr. Craver,
Results of a recent mechanical integrity tests for several Red Wash Unit wells are enclosed. The wells tested are:

Wellname	EPA ID
RWU # 16 (43-28B)	UT02419
RWU # 61 (12-27A)	UT02422
RWU # 68 (41-13B)	UT02429
RWU # 97 (23-18C)	UT02405
RWU #150 (31-22B)	UT02408
RWU #161 (14-20B)	UT02410
RWU #170 (41-15B)	UT02438
RWU #202 (14-20B)	UT02415
RWU #215 (43-28A)	UT02445

Please advise as to the next MIT due dates for this well. If you have any questions regarding the tests, please contact me at (435) 781-4301.

Sincerely,

J. T. Conley
District Manager

RECEIVED
MAR 16 2001
DIVISION OF
OIL, GAS AND MINING

cc Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801
Attn. Mr. Gil Hunt

U.S Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
U0558

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
8920007610

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No.
RWU 61 12-27A

2. Name of Operator
SHENANDOAH ENERGY INC.
Contact: ANN PETRIK
E-Mail: ann.petrik@questar.com

9. API Well No.
43-047-16478

3a. Address
11002 EAST 17500 SOUTH
VERNAL, UT 84078

3b. Phone No. (include area code)
Ph: 435.781.4306
Fx: 435.781.4329

10. Field and Pool, or Exploratory
RED WASH

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 27 T7S R22E SWNW 2034FNL 689FWL

11. County or Parish, and State
UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☒ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

WE REQUEST A TA STATUS APPROVAL FOR THIS WELL.

WE BELIEVE A RETURN TO INJECTION COULD BE JUSTIFIED IN THE FUTURE.

RECEIVED
SEP 30 2002
DIVISION OF OIL, GAS AND MINING

10-15-02
CHD

The well is currently in Active status. In accordance with R649-3-36, the well may remain shut-in or temporarily abandoned until October 1, 2003, at which time the operator shall file a Sundry Notice providing the information specified in R649-3-36

ACCEPTED BY: [redacted]
Utah Division of Oil, Gas and Mining

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #14599 verified by the BLM Well Information System
For SHENANDOAH ENERGY INC., sent to the Vernal

Name *(Printed/Typed)* ANN PETRIK — Title ADMINISTRATIVE CONTACT

Signature (Electronic Submission) — Date 09/26/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

~~CONFIDENTIAL~~

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. GLH
2. CDW
3. FILE

Change of Operator (Well Sold) — Designation of Agent/Operator

X Operator Name Change — Merger

The operator of the well(s) listed below has changed, effective: **2/1/2003**

FROM: (Old Operator):	**TO:** (New Operator):
N4235-Shenandoah Energy Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341	N2460-QEP Uinta Basin Inc 11002 E 17500 S Vernal, UT 84078-8526 Phone: (435) 781-4341

CA No. **Unit:** **RED WASH UNIT**

WELL(S)

NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS	Confid
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 6/2/2003
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 6/2/2003
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 6/19/2003
4. Is the new operator registered in the State of Utah: YES Business Number: 5292864-0151
5. If **NO**, the operator was contacted contacted on: ____

6. (R649-9-2)Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: 7/21/2003

8. **Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: 7/21/2003

9. **Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: 9/10/2003

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 9/16/2003
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 9/16/2003
3. Bond information entered in RBDMS on: n/a
4. Fee wells attached to bond in RBDMS on: n/a

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: 965-003-032

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: 799446

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number 965-003-033
2. The **FORMER** operator has requested a release of liability from their bond on: n/a
   The Division sent response by letter on: n/a

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS:

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER,CO. 80202-2466

EPA WITNESS: _____ DATE: 2-25-03 TIME: 12:30 ☐ AM ☒ PM

TEST CONDUCTED BY: LYNN SMITH (ADVANTAGE OILFIELD SERV. INC.)

OTHERS PRESENT: DENNIS J. PAULSEN

WELL NAME: RWU 61 (12-27A) TYPE: ☒ ER ☐ SWD STATUS: ☐ AC ☒ TA ☐ UC

FIELD: Red Wash

WELL LOCATION: SW NW Sec 27 T 7S ☐ N ☒ S R 22 ☒ E ☐ W COUNTY: UINTAH STATE: UTAH

OPERATOR: SHENANDOAH ENERGY INC.

LAST MIT: 3-7-01 MAXIMUM ALLOWABLE PRESSURE: 2048 PSIG

IS THIS A REGULAR SCHEDULED TEST? ☒ YES ☐ NO

INITIAL TEST FOR PERMIT? ☐ YES ☒ NO

TEST AFTER WELL WORK? ☐ YES ☒ NO

WELL INJECTING DURING TEST? ☐ YES ☑ NO IF YES, RATE: _____ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 0 :PSIG

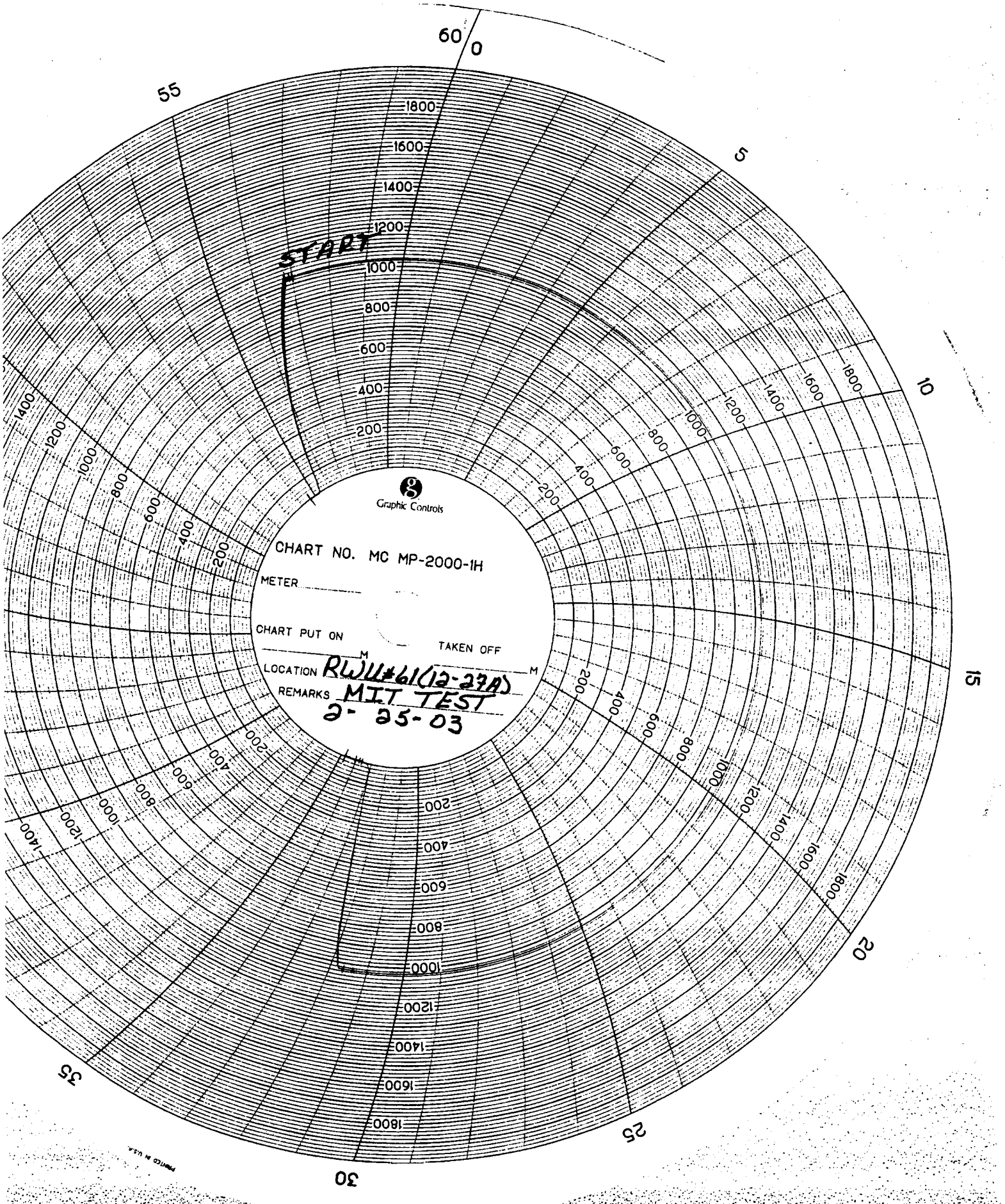
MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	0 PSIG	PSIG	PSIG
END OF TEST PRESSURE	0 PSIG	PSIG	PSIG

CASING/TUBING ANNULUS PRESSURE						
0 MINUTES	1030	PSIG	PSIG		PSIG	
5 MINUTES	1030	PSIG	PSIG		PSIG	
10 MINUTES	1030	PSIG	PSIG		PSIG	
15 MINUTES	1030	PSIG	PSIG		PSIG	
20 MINUTES	1030	PSIG	PSIG		PSIG	
25 MINUTES	1030	PSIG	PSIG		PSIG	
30 MINUTES	1030	PSIG	PSIG		PSIG	
MINUTES		PSIG	PSIG		PSIG	
MINUTES		PSIG	PSIG		PSIG	
RESULT	☑ PASS	☐ FAIL	☐ PASS	☐ FAIL	☐ PASS	☐ FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☑ NO

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

43-047-16478


START
Graphic Controls
CHART NO. MC MP-2000-1H
METER
CHART PUT ON
TAKEN OFF
LOCATION RWU#61(12-27A)
REMARKS MIT TEST
2-25-03
0
5
10
15
20
25
30
35
55
60
200
400
600
800
1000
1200
1400
1600
1800

QUESTAR

tar Exploration and Production Company
pendence Plaza
1050 17th Street, Suite 500
Denver, CO 80265
Tel 303 672 6900 • Fax 303 294 9632

Denver Division

May 28, 2003

Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, Utah 84114-5801

Attention: John Baza/Jim Thompson

Gentlemen:

This will serve as notice that through the internal corporate changes described below, activities formerly conducted in the name of either Shenandoah Operating Company, LLC (SOC) and/or Shenandoah Energy, Inc. (SEI) will hereafter be conducted in the name of QEP Uinta Basin, Inc.: i) the Shenandoah entities were purchased in July, 2001 by Questar Market Resources, Inc., which is a mid-level holding company for the non-utility businesses of Questar Corporation, ii) Shenandoah Operating Company, LLC has now been merged into Shenandoah Energy, Inc. (SEI), iii) Shenandoah Energy, Inc. has now been re-named **QEP Uinta Basin, Inc.** pursuant to a State of Delaware Amended and Restated Certificate of Incorporation, iv) the same employees will continue to be responsible for operations of the former SOC and SEI properties, both in the field and in the office. Accordingly, the change involves only an internal corporate name change and no third party change of operator is involved. Please alter your records to reflect the entity name change. Attached is a spreadsheet listing all wells affected by this change.

Should you have any questions, please call me at 303 - 308-3056.

Yours truly,

Frank Nielsen
Division Landman

Enclosure

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

IN REPLY REFER TO
UT-922

June 9, 2003

QEP Uinta Basin, Inc.
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On May 30, 2003, we received an indenture dated February 1, 2003, whereby Shenandoah Energy, Inc. changed it name and QEP Uinta Basin, Inc. was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective June 9, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under Red Wash Unit Agreement.

Your nationwide (Eastern States) oil and gas bond No. B000024 will be used to cover all operations within the Red Wash Unit.

It is requested that you notify all interested parties of the name change of unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks
Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
Minerals Adjudication Group
File – Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Fluid Chron
UT922:TAThompson:tt:6/9/03

JUL 07 2003

3104 (932.34)WF
Nationwide Bond ESB000024

NOTICE

QEP Uinta Basin, Inc. 1050 17th Street Suite 500 Denver, Colorado 80265	:	Oil and Gas lease

Name Change Recognized

Acceptable evidence has been filed in this office concerning the name change of Shenandoah Energy Incorporated into QEP Uinta Basin, Incorporated. QEP Uinta Basin, Incorporated is the surviving entity. This name change is recognized effective April 17, 2003.

Eastern States will notify the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice.

If you identify other leases in which the merging entity maintain an interest, please contact this office and we will appropriately document those files with a copy of this notice.

If you have any questions, please contact Bill Forbes at 703-440-1536.

S/Wilbert B. Forbes

Wilbert B. Forbes
Land Law Examiner
Branch of Use Authorization
Division of Resources Planning,
Use and Protection

bc: JFO,MMS, ES RF, 930 RF, 932.34 RF, E-932: wbf:07 /07/03:440-1536/ QEP Unita Basin
MFO

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

UIC FORM 5

TRANSFER OF AUTHORITY TO INJECT

Well Name and Number	API Number
See Attached List	
Location of Well	**Field or Unit Name**
Footage : County : Uintah	Red Wash
QQ, Section, Township, Range: State : UTAH	**Lease Designation and Number**

EFFECTIVE DATE OF TRANSFER: _____

CURRENT OPERATOR

Company: Shenandoah Energy Inc. Name: John Busch
Address: 11002 East 17500 South Signature: John Busch
city Vernal state UT zip 84078 Title: District Foreman
Phone: (435) 781-4300 Date: 9-02-03
Comments:

NEW OPERATOR

Company: QEP Uinta Basin, Inc. Name: John Busch
Address: 11002 East 17500 South Signature: John Busch
city Vernal state UT zip 84078 Title: District Foreman
Phone: Date: 9-02-03
Comments:

(This space for State use only)

Transfer approved by: Approval Date: 9-10-03
Title: Petr. Services Manager

Comments: Cause #105-01
Located in Indian Country, EPA
is primary use Agency.

RECEIVED
SEP 04 2003
DIV. OF OIL, GAS & MINING

(5/2000)

well_name	Sec	T	R	api	Entity	Lease Type	type	stat	Field	Footages
RED WASH UNIT 261	17	070S	230E	4304732739	5670	Federal	WI	A	Red Wash	1785 FSL, 1843 FWL
RWU 100-A (43-21A)	21	070S	220E	4304715219	5670	Federal	WI	A	Red Wash	1787 FSL, 534 FEL
RWU 102 (41-24A)	24	070S	220E	4304715221	5670	Federal	WI	A	Red Wash	1360 FNL, 660 FEL
RWU 11	27	070S	230E	4304715142	5670	Federal	WI	A	Red Wash	660 FSL, 2030 FEL
RWU 11-19B	19	070S	230E	4304733552	5670	Federal	WI	A	Red Wash	618 FNL, 477 FWL
RWU 11-20B	20	070S	230E	4304733553	5670	Federal	WI	A	Red Wash	761 FNL, 677 FWL
RWU 11-25A	25	070S	220E	4304733574	5670	Federal	WI	A	Red Wash	1206 FNL, 491 FWL
RWU 11-29B	29	070S	230E	4304733590	5670	Federal	WI	A	Red Wash	786 FNL, 819 FWL
RWU 11-30B	30	070S	230E	4304733785	5670	Federal	WI	A	Red Wash	590 FNL, 787 FWL
RWU 12-24A	24	070S	220E	4304733591	5670	Federal	WI	A	Red Wash	1528 FNL, 930 FWL
RWU 13-19B	19	070S	230E	4304733497	5670	Federal	WI	A	Red Wash	1802 FSL, 374 FWL
RWU 13-20B	20	070S	230E	4304733498	5670	Federal	WI	A	Red Wash	2143' FSL, 704' FWL
RWU 13-25A	25	070S	220E	4304733575	5670	Federal	WI	A	Red Wash	1446 FSL, 664 FWL
RWU 14 (14-13B)	13	070S	230E	4304715144	5670	Federal	WI	A	Red Wash	660 FSL, 660 FWL
RWU 148 (13-22B)	22	070S	230E	4304715261	5670	Federal	WI	A	Red Wash	2073 FSL, 660 FWL
RWU 150 (31-22B)	22	070S	230E	4304715263	5670	Federal	WI	I	Red Wash	595 FNL, 1935 FEL
RWU 156 (23-15B)	15	070S	230E	4304715267	5670	Federal	WI	A	Red Wash	2115 FSL, 1982 FWL
RWU 16 (43-28B)	28	070S	230E	4304716475	5670	Federal	WI	I	Red Wash	1980 FSL, 660 FEL
RWU 161 (14-20B)	20	070S	230E	4304715271	5670	Federal	WI	I	Red Wash	660 FSL, 678 FWL
RWU 17 (41-20B)	20	070S	230E	4304715146	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 170 (41-15B)	15	070S	230E	4304716495	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 173 (21-21B)	21	070S	230E	4304716496	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 174 (21-20B)	20	070S	230E	4304715281	5670	Federal	WI	A	Red Wash	660 FNL, 1980 FWL
RWU 182 (14-21B)	21	070S	230E	4304716497	5670	Federal	WI	A	Red Wash	629 FSL, 652 FWL
RWU 183 (33-13B)	13	070S	230E	4304715289	5670	Federal	WI	A	Red Wash	1833 FSL, 2027 FEL
RWU 185 (41-1B)	14	070S	230E	4304716498	5670	Federal	WI	A	Red Wash	747 FNL, 660 FEL
RWU 199 (43-22A)	22	070S	220E	4304715301	5670	Federal	WI	A	Red Wash	1980 FSL, 658 FEL
RWU 2 (14-24B)	24	070S	230E	4304716472	5670	Federal	WI	A	Red Wash	735 FSL, 790 FWL
RWU 202 (21-34A)	34	070S	220E	4304715303	5670	Federal	WI	I	Red Wash	660 FNL, 1980 FWL
RWU 213 (41-33B)	33	070S	230E	4304720060	5670	Federal	WD	A	Red Wash	660 FNL, 580 FEL
RWU 215 (43-28A)	28	070S	220E	4304730058	5670	Federal	WI	A	Red Wash	1980' FSL, 661 FEL
RWU 216 (21-27A)	27	070S	220E	4304730103	5670	Federal	WI	A	Red Wash	660 FNL, 1976 FWL
RWU 23 (21-23B)	23	070S	230E	4304715151	5670	Federal	WI	A	Red Wash	695 FNL, 2015 FWL
RWU 23-18C (97)	18	070S	240E	4304715216	5670	Federal	WI	I	Red Wash	1956 FSL, 1699 FWL
RWU 25 (23-23B)	23	070S	230E	4304716476	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 258 (34-22A)	22	070S	220E	4304730458	5670	Federal	WI	A	Red Wash	885 FSL, 2025 FEL

RWU 263 (24-26B)	26	070S	230E	4304730518	5670	Federal	WI	I	Red Wash	591 FSL, 2007 FWL
RWU 264 (31-35B)	35	070S	230E	4304730519	5670	Federal	WI	A	Red Wash	687 FNL, 2025 FEL
RWU 266 (33-26B)	26	070S	230E	4304730521	5670	Federal	WI	I	Red Wash	1980 FSL, 1980 FEL
RWU 268 (43-17B)	17	070S	230E	4304732980	5670	Federal	WI	A	Red Wash	1924 FSL, 981 FEL
RWU 269 (13-26B)	26	070S	230E	4304730522	5670	Federal	WI	I	Red Wash	2170' FSL, 670' FWL
RWU 271 (42-35B)	35	070S	230E	4304731081	5670	Federal	WI	I	Red Wash	1979 FNL, 660 FEL
RWU 274 (13-25B)	25	070S	230E	4304731083	5670	Federal	WI		Red Wash	2129 FSL, 659 FWL
RWU 275 (31-26B)	26	070S	230E	4304731077	5670	Federal	WI	A	Red Wash	675 FNL, 1869 FEL
RWU 279 (11-36B)	36	070S	230E	4304731052	5670	Federal	WI	A	Red Wash	659 FNL, 660 FWL
RWU 283 (43-18B)	18	070S	230E	4304732982	5670	Federal	WI	A	Red Wash	1899 FSL, 708 FEL
RWU 31-19B	19	070S	230E	4304733555	5670	Federal	WI	A	Red Wash	601 FNL, 1770 FEL
RWU 31-25A	25	070S	220E	4304733577	5670	Federal	WI	A	Red Wash	1248 FNL, 2159 FEL
RWU 31-30B	30	070S	230E	4304733788	5670	Federal	WI	A	Red Wash	950 FNL, 1943 FEL
RWU 33-19B	19	070S	230E	4304733499	5670	Federal	WI	A	Red Wash	2606 FSL, 1851 FEL
RWU 33-20B	20	070S	230E	4304733500	5670	Federal	WI	A	Red Wash	2210 FSL, 2295 FEL
RWU 33-25A	25	070S	220E	4304733578	5670	Federal	WI	A	Red Wash	1413 FSL, 1809 FEL
RWU 33-30B	30	070S	230E	4304733790	5670	Federal	WI	A	Red Wash	1775 FSL, 1937 FEL
RWU 34 (23-14B)	14	070S	230E	4304715161	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 34-13A	13	070S	220E	4304733593	5670	Federal	WI	A	Red Wash	1302 FSL, 1725 FEL
RWU 34-24A	24	070S	220E	4304733568	5670	Federal	WI	A	Red Wash	1295 FSL, 2125 FEL
RWU 48 (32-19B)	19	070S	230E	4304715174	5670	Federal	WI	I	Red Wash	1830 FNL, 1980 FEL
RWU 56 (41-28B)	28	070S	230E	4304715182	5670	Federal	WI	A	Red Wash	660 FNL, 660 FEL
RWU 59 (12-24B)	24	070S	230E	4304716477	5670	Federal	WI	A	Red Wash	1980 FNL, 660 FWL
RWU 6 (41-21B)	21	070S	230E	4304716482	5670	Federal	WI	A	Red Wash	660' FNL, 660 FEL
RWU 61 (12-27A)	27	070S	220E	4304716478	5670	Federal	WI	I	Red Wash	2034 FNL, 689 FWL
RWU 68 (41-13B)	13	070S	230E	4304716485	5670	Federal	WI	I	Red Wash	660 FNL, 660 FEL
RWU 7 (41-27B)	27	070S	230E	4304716473	5670	Federal	WI	I	Red Wash	567 FNL, 621 FEL
RWU 88 (23-18B)	18	070S	230E	4304715210	5670	Federal	WI	A	Red Wash	1980 FSL, 1980 FWL
RWU 91 (33-22B)	22	070S	230E	4304716479	5670	Federal	WI	A	Red Wash	1980 FSL, 3300 FWL
RWU 93 (43-27B)	27	070S	230E	4304716480	5670	Federal	WI	I	Red Wash	660 FSL, 660 FEL
RWU 324 (23-16B)	16	070S	230E	4304733084	5670	State	WI	I	Red Wash	1274 FSL, 1838 FWL

Form 3160-5
(June 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir
Use "APPLICATION FOR PERMIT--" for such proposals

SUBMIT IN TRIPLICATE

5. Lease Designation and Serial No.
UTU 081

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA, Agreement Designation
Redwash Unit

1. Type of Well
Oil [X] Well Gas [ ] Well [ ] Other

8. Well Name and No.
~~RWU 12-27A~~
RWU 61 (12-27A)

2. Name of Operator
QEP UINTA BASIN, INC.

9. API Well No.
43-047-~~15379~~ 16478

3. Address and Telephone No.
11002 E. 17500 S. VERNAL, UT 84078-8526
Contact: Kirk Fleetwood (435) 781-4341
kirk.fleetwood@questar.com

10. Field and Pool, or Exploratory Area
Redwash

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1980' FNL, 660' FWL, SWNW, SECTION 27, T7S, R22E, SLBM

11. County or Parish, State
UINTAH COUNTY, UTAH

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[ ] Abandonment	[ ] Change of Plans
	[X] Recompletion	[ ] New Construction
[ ] Subsequent Report	[ ] Plugging Back	[ ] Non-Routine Fracturing
	[ ] Casing Repair	[ ] Water Shut-Off
[ ] Final Abandonment Notice	[ ] Altering Casing	[ ] Conversion to Injection
	[ ] Other _____	[ ] Dispose Water

(Note) Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)

QEP requests approval to recomplete this well as follows:

1. **Drillout CIBP and cement at 5780'**
2. **Clean out to 5814'**
3. **Perforate 5795'-5804'**
4. **Acidize new perfs**
5. **Set packer at 5500'**
6. **Place the well on injection**

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

RECEIVED
OCT 0 3 2005
DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct.
Signed [signature] Title **Production Engineer** Date **9/21/2005**

(This space for Federal or State office use)

Approved by: _____ Title _____ Date _____

Conditions of approval, if any

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

***See instruction on Reverse Side**

Division of Oil, Gas and Mining

OPERATOR CHANGE WORKSHEET

ROUTING
1. DJJ
2. CDW

Change of Operator (Well Sold) **X - Operator Name Change/Merger**

The operator of the well(s) listed below has changed, effective: **1/1/2007**

FROM: (Old Operator):	**TO:** (New Operator):
N2460-QEP Uinta Basin, Inc.	N5085-Questar E&P Company
1050 17th St, Suite 500	1050 17th St, Suite 500
Denver, CO 80265	Denver, CO 80265
Phone: 1 (303) 672-6900	Phone: 1 (303) 672-6900

CA No. **Unit:** **RED WASH UNIT**

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LISTS				*				

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 4/19/2007
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 4/16/2007
3. The new company was checked on the **Department of Commerce, Division of Corporations Database on:** 1/31/2005

4a. Is the new operator registered in the State of Utah: Business Number: 764611-0143

5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE

5b. Inspections of LA PA state/fee well sites complete on: n/a

5c. Reports current for Production/Disposition & Sundries on: n/a

6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 4/23/2007 BIA

7. **Federal and Indian Units:**
   The BLM or BIA has approved the successor of unit operator for wells listed on: 4/23/2007

8. **Federal and Indian Communization Agreements ("CA"):**
   The BLM or BIA has approved the operator for all wells listed within a CA on:

9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject,** for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on:

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database on:** 4/30/2007 and 5/15/2007
2. Changes have been entered on the **Monthly Operator Change Spread Sheet on:** 4/30/2007 and 5/15/2007
3. Bond information entered in RBDMS on: 4/30/2007 and 5/15/2007
4. Fee/State wells attached to bond in RBDMS on: 4/30/2007 and 5/15/2007
5. Injection Projects to new operator in RBDMS on: 4/30/2007 and 5/15/2007
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: ESB000024
2. Indian well(s) covered by Bond Number: 799446

3a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 965003033

3b. The **FORMER** operator has requested a release of liability from their bond on: n/a

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: n/a

COMMENTS: THIS IS A COMPANY NAME CHANGE.
SOME WELL NAMES HAVE BEEN CHANGED AS REQUESTED

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 1 (41-26B)	RW 41-26B	NENE	26	070S	230E	4304715135	5670	Federal	OW	TA
RWU 3 (34-23B)	RW 34-23B	SWSE	23	070S	230E	4304715136	5670	Federal	OW	P
RWU 4 (41-22B)	RW 41-22B	NENE	22	070S	230E	4304715137	5670	Federal	OW	TA
RWU 5 (41-23B)	RW 41-23B	NENE	23	070S	230E	4304715138	5670	Federal	OW	P
RWU 8 (32-22B)	RW 32-22B	SWNE	22	070S	230E	4304715139	5670	Federal	OW	P
RWU 9 (43-23B)	RW 43-23B	NESE	23	070S	230E	4304715140	5670	Federal	OW	P
RWU 10 (12-23B)	RW 12-23B	SWNW	23	070S	230E	4304715141	5670	Federal	OW	TA
RWU 11	RW 34-27B	SWSE	27	070S	230E	4304715142	99996	Federal	WI	A
RWU 13 (14-22B)	RW 14-22B	SWSW	22	070S	230E	4304715143	5670	Federal	OW	TA
RW 14-13B	RW 14-13B	SWSW	13	070S	230E	4304715144	99996	Federal	WI	A
RWU 15 (32-17C)	RW 32-17C	SWNE	17	070S	240E	4304715145	5670	Federal	OW	P
RWU 17 (41-20B)	RW 41-20B	NENE	20	070S	230E	4304715146	5670	Federal	WI	A
RWU 19 (34-26B)	RW 34-26B	SWSE	26	070S	230E	4304715148	5670	Federal	GW	S
RWU 21 (32-14B)	RW 32-14B	SWNE	14	070S	230E	4304715150	5670	Federal	OW	P
RWU 23 (21-23B)	RW 21-23B	SENW	23	070S	230E	4304715151	99996	Federal	WI	A
RWU 24 (34-14B)	RW 34-14B	SWSE	14	070S	230E	4304715152	5670	Federal	OW	S
RWU 26 (23-22B)	RW 23-22B	NESW	22	070S	230E	4304715153	5670	Federal	OW	TA
RWU 27 (43-14B)	RW 43-14B	NESE	14	070S	230E	4304715154	5670	Federal	OW	TA
RWU 28 (43-22B)	RW 43-22B	NESE	22	070S	230E	4304715155	5670	Federal	OW	P
RWU 29 (32-23B)	RW 32-23B	SWNE	23	070S	230E	4304715156	5670	Federal	OW	P
RW 23-13B	RW 23-13B	NESW	13	070S	230E	4304715157	5670	Federal	GW	TA
RWU 31 (34-22B)	RW 34-22B	SWSE	22	070S	230E	4304715158	5670	Federal	OW	P
RWU 33 (14-14B)	RW 14-14B	SWSW	14	070S	230E	4304715160	5670	Federal	GW	TA
RWU 34 (23-14B)	RW 23-14B	NESW	14	070S	230E	4304715161	99996	Federal	WI	A
RW 43-13B	RW 43-13B	NESE	13	070S	230E	4304715162	5670	Federal	OW	TA
RWU 36 (32-13B)	RW 32-13B	SWNE	13	070S	230E	4304715163	5670	Federal	GW	P
RWU 38 (14-23B)	RW 14-23B	SWSW	23	070S	230E	4304715165	5670	Federal	OW	P
RWU 39 (14-24A)	RW 14-24A	SWSW	24	070S	220E	4304715166	5670	Federal	OW	TA
RWU 40 (21-24B)	RW 21-24B	NENW	24	070S	230E	4304715167	5670	Federal	OW	TA
RWU 41 (34-13B)	RW 34-13B	SWSE	13	070S	230E	4304715168	5670	Federal	OW	P
RWU 42 (21-29C)	RW 21-29C	NENW	29	070S	240E	4304715169	5670	Federal	GW	P
RWU 43 (12-17B)	RW 12-17B	SWNW	17	070S	230E	4304715170	5670	Federal	OW	P
RWU 44 (32-33C)	RW 32-33C	SWNE	33	070S	240E	4304715171	5670	Federal	GW	P
RWU 45 (23-30B)	RW 23-30B	NESW	30	070S	230E	4304715172	5670	Federal	OW	TA
RWU 46 (41-21C)	RW 41-21C	NENE	21	070S	240E	4304715173	5670	Federal	GW	TA
RWU 48 (32-19B)	RW 32-19B	SWNE	19	070S	230E	4304715174	99996	Federal	WI	I
RWU 49 (12-29B)	RW 12-29B	SWNW	29	070S	230E	4304715175	5670	Federal	OW	TA
RWU 50 (14-23A)	RW 14-23A	SWSW	23	070S	220E	4304715176	5670	Federal	OW	P
RWU 52 (14-18B)	RW 14-18B	SWSW	18	070S	230E	4304715178	5670	Federal	OW	TA
RWU 53 (41-25A)	RW 41-25A	NENE	25	070S	220E	4304715179	5670	Federal	OW	TA
RWU 56 (41-28B)	RW 41-28B	NENE	28	070S	230E	4304715182	99996	Federal	WI	A

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 57 (12-18C)	RW 12-18C	SWNW	18	070S	240E	4304715183	5670	Federal	OW	P
RWU 63 (21-22B)	RW 21-22B	NENW	22	070S	230E	4304715186	5670	Federal	GW	TA
RWU 64 (32-27B)	RW 32-27B	SWNE	27	070S	230E	4304715187	5670	Federal	OW	TA
RWU 66 (34-18B)	RW 34-18B	SWSE	18	070S	230E	4304715189	5670	Federal	OW	P
RWU 67 (42-22B)	RW 42-22B	SENE	22	070S	230E	4304715190	5670	Federal	OW	TA
RWU 69 (21-27B)	RW 21-27B	NENW	27	070S	230E	4304715191	5670	Federal	OW	TA
RWU 70 (23-22A)	RW 23-22A	NESW	22	070S	220E	4304715192	5670	Federal	OW	P
RWU 71 (21-18C)	RW 21-18C	NENW	18	070S	240E	4304715193	5670	Federal	OW	P
RWU 72 (23-27B)	RW 23-27B	NESW	27	070S	230E	4304715194	5670	Federal	OW	TA
RWU 74 (12-13B)	RW 12-13B	SWNW	13	070S	230E	4304715196	5670	Federal	GW	S
RWU 75 (21-26B)	RW 21-26B	NENW	26	070S	230E	4304715197	5670	Federal	OW	TA
RWU 76 (32-18C)	RW 32-18C	SWNE	18	070S	240E	4304715198	5670	Federal	GW	P
RWU 77 (21-13B)	RWU 77 (21-13B)	NENW	13	070S	230E	4304715199	5670	Federal	OW	P
RWU 78 (32-28B)	RW 32-28B	SWNE	28	070S	230E	4304715200	5670	Federal	OW	P
RWU 79 (12-27B)	RW 12-27B	SWNW	27	070S	230E	4304715201	5670	Federal	OW	TA
RWU 80 (14-27B)	RW 14-27B	SWSW	27	070S	230E	4304715202	5670	Federal	OW	S
RWU 81 (41-31B)	RW 41-31B	NENE	31	070S	230E	4304715203	5670	Federal	OW	P
RWU 83 (41-27A)	RW 41-27A	NENE	27	070S	220E	4304715205	5670	Federal	OW	P
RWU 84 (44-14B)	RW 44-14B	SESE	14	070S	230E	4304715206	5670	Federal	GW	P
RWU 88 (23-18B)	RW 23-18B	NESW	18	070S	230E	4304715210	5670	Federal	WI	A
RWU 90 (43-21B)	RW 43-21B	NESE	21	070S	230E	4304715211	5670	Federal	OW	P
RWU 92 (11-23B)	RW 11-23B	NWNW	23	070S	230E	4304715212	5670	Federal	OW	TA
RWU 94 (12-22A)	RW 12-22A	SWNW	22	070S	220E	4304715213	5670	Federal	OW	P
RWU 23-18C (97)	RW 23-18C	NESW	18	070S	240E	4304715216	99996	Federal	WI	I
RWU 99 (12-22B)	RW 12-22B	SWNW	22	070S	230E	4304715218	5670	Federal	OW	P
RWU 100-A (43-21A)	RW 43-21A	NESE	21	070S	220E	4304715219	5670	Federal	WI	A
RWU 101 (34-21B)	RW 34-21B	SWSE	21	070S	230E	4304715220	5670	Federal	OW	P
RWU 102 (41-24A)	RW 41-24A	SENE	24	070S	220E	4304715221	5670	Federal	WI	A
RWU 103 (34-15B)	RW 34-15B	SWSE	15	070S	230E	4304715222	5670	Federal	OW	P
RWU 108 (32-21B)	RW 32-21B	SWNE	21	070S	230E	4304715226	5670	Federal	OW	P
RWU 109 (21-28B)	RW 21-28B	NENW	28	070S	230E	4304715227	5670	Federal	OW	P
RWU 110 (23-23A)	RW 23-23A	NESW	23	070S	220E	4304715228	5670	Federal	OW	P
RWU 111 (32-24A)	RW 32-24A	SWNE	24	070S	220E	4304715229	5670	Federal	OW	S
RWU 112 (32-28A)	RW 32-28A	SWNE	28	070S	220E	4304715230	5670	Federal	OW	S
RWU 115 (21-19B)	RW 21-19B	NENW	19	070S	230E	4304715233	5670	Federal	OW	P
RWU 119 (43-29A)	RW 43-29A	NESE	29	070S	220E	4304715236	5670	Federal	OW	P
RWU 120 (23-28B)	RW 23-28B	NESW	28	070S	230E	4304715237	5670	Federal	OW	TA
RW 13-13B	RW 13-13B	NWSW	13	070S	230E	4304715238	5670	Federal	GW	P
RWU 122 (24-14B)	RW 24-14B	SESW	14	070S	230E	4304715239	5670	Federal	OW	P
RWU 125 (34-19B)	RW 34-19B	SWSE	19	070S	230E	4304715242	5670	Federal	OW	TA
RWU 126 (41-29A)	RW 41-29A	NENE	29	070S	220E	4304715243	5670	Federal	OW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 127 (12-19B)	RW 12-19B	SWNW	19	070S	230E	4304715244	5670	Federal	OW	S
RWU 129 (14-15B)	RW 14-15B	SWSW	15	070S	230E	4304715246	5670	Federal	OW	P
RWU 133 (41-34B)	RW 41-34B	NENE	34	070S	230E	4304715250	5670	Federal	OW	P
RWU 136 (43-19B)	RW 43-19B	NESE	19	070S	230E	4304715252	5670	Federal	OW	TA
RWU 137 (34-28B)	RW 34-28B	SWSE	28	070S	230E	4304715253	5670	Federal	GW	TA
RWU 138 (41-30B)	RW 41-30B	NENE	30	070S	230E	4304715254	5670	Federal	OW	P
RWU 140 (24-22B)	RW 24-22B	SESW	22	070S	230E	4304715255	5670	Federal	OW	P
RWU 141 (11-27B)	RW 11-27B	NWNW	27	070S	230E	4304715256	5670	Federal	OW	TA
RWU 143 (33-14B)	RW 33-14B	NWSE	14	070S	230E	4304715257	5670	Federal	OW	P
RWU 144 (21-18B)	RW 21-18B	NENW	18	070S	230E	4304715258	5670	Federal	OW	TA
RW 24-13B	RW 24-13B	SESW	13	070S	230E	4304715259	5670	Federal	OW	TA
RWU 147 (22-22B)	RW 22-22B	SENW	22	070S	230E	4304715260	5670	Federal	OW	TA
RWU 148 (13-22B)	RW 13-22B	NWSW	22	070S	230E	4304715261	99996	Federal	WI	A
RWU 150 (31-22B)	RW 31-22B	NWNE	22	070S	230E	4304715263	99996	Federal	WI	I
RWU 151 (42-14B)	RW 42-14B	SENE	14	070S	230E	4304715264	5670	Federal	OW	P
RWU 153 (14-29B)	RW 14-29B	SWSW	29	070S	230E	4304715265	5670	Federal	OW	P
RWU 156 (23-15B)	RW 23-15B	NESW	15	070S	230E	4304715267	99990	Federal	WI	A
RWU 158 (32-30B)	RW 32-30B	SWNE	30	070S	230E	4304715268	5670	Federal	OW	P
RWU 160 (32-15B)	RW 32-15B	SWNE	15	070S	230E	4304715270	5670	Federal	OW	P
RWU 161 (14-20B)	RW 14-20B	SWSW	20	070S	230E	4304715271	99996	Federal	WI	I
RWU 162 (12-20B)	RW 12-20B	SWNW	20	070S	230E	4304715272	5670	Federal	OW	P
RWU 164 (12-28B)	RW 12-28B	SWNW	28	070S	230E	4304715274	5670	Federal	OW	P
RWU 165 (32-26B)	RW 32-26B	SWNE	26	070S	230E	4304715275	5670	Federal	GW	TA
RWU 167 (23-21B)	RW 23-21B	NESW	21	070S	230E	4304715277	5670	Federal	OW	S
RWU 168 (23-24B)	RW 23-24B	NESW	24	070S	230E	4304715278	5670	Federal	OW	TA
RWU 172 (21-30B)	RW 21-30B	NENW	30	070S	230E	4304715280	5670	Federal	OW	TA
RWU 174 (21-20B)	RW 21-20B	NENW	20	070S	230E	4304715281	5670	Federal	WI	A
RWU 176 (31-28B)	RW 31-28B	NWNE	28	070S	230E	4304715283	5670	Federal	OW	TA
RWU 177 (42-28B)	RW 42-28B	SENE	28	070S	230E	4304715284	5670	Federal	OW	TA
RW 22-13B	RW 22-13B	SENW	13	070S	230E	4304715285	5670	Federal	OW	TA
RWU 180 (31-23B)	RW 31-23B	NWNE	23	070S	230E	4304715287	5670	Federal	OW	TA
RWU 181 (34-30B)	RW 34-30B	SWSE	30	070S	230E	4304715288	5670	Federal	OW	P
RW 33-13B	RW 33-13B	NWSE	13	070S	230E	4304715289	5670	Federal	WI	A
RWU 184 (23-26B)	RW 23-26B	NESW	26	070S	230E	4304715290	5670	Federal	GW	S
RWU 188 (23-20B)	RW 23-20B	NESW	20	070S	230E	4304715291	5670	Federal	OW	TA
RWU 192 (41-33A)	RW 41-33A	NENE	33	070S	220E	4304715294	5670	Federal	OW	P
RWU 193 (43-24B)	RW 43-24B	NESE	24	070S	230E	4304715295	5670	Federal	GW	TA
RWU 194 (12-14B)	RW 12-14B	SWNW	14	070S	230E	4304715296	5670	Federal	OW	S
RWU 196 (23-17C)	RW 23-17C	NESW	17	070S	240E	4304715298	5670	Federal	GW	TA
RWU 199 (43-22A)	RW 43-22A	NESE	22	070S	220E	4304715301	99996	Federal	WI	A
RWU 201 (32-28C)	RW 32-28C	SWNE	28	070S	240E	4304715302	5670	Federal	GW	P

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 202 (21-34A)	RW 21-34A	NENW	34	070S	220E	4304715303	99996	Federal	WI	I
RWU 204 (23-25A)	RW 23-25A	NESW	25	070S	220E	4304715305	5670	Federal	OW	P
RWU 205 (23-21C)	RW 23-21C	NESW	21	070S	240E	4304715306	5670	Federal	GW	TA
RWU 2 (14-24B)	RW 14-24B	SWSW	24	070S	230E	4304716472	99996	Federal	WI	A
RWU 7 (41-27B)	RW 41-27B	NENE	27	070S	230E	4304716473	99996	Federal	WI	I
RWU 16 (43-28B)	RW 43-28B	NESE	28	070S	230E	4304716475	99996	Federal	WI	I
RWU 25 (23-23B)	RW 23-23B	NESW	23	070S	230E	4304716476	99996	Federal	WI	A
RWU 59 (12-24B)	RW 12-24B	SWNW	24	070S	230E	4304716477	99996	Federal	WI	A
RWU 61 (12-27A)	RW 12-27A	SWNW	27	070S	220E	4304716478	99996	Federal	WI	I
RWU 91 (33-22B)	RW 33-22B	NWSE	22	070S	230E	4304716479	99996	Federal	WI	A
RWU 93 (43-27B)	RW 43-27B	NESE	27	070S	230E	4304716480	99996	Federal	WI	I
RWU 6 (41-21B)	RW 41-21B	NENE	21	070S	230E	4304716482	99996	Federal	WI	A
RWU 68 (41-13B)	RW 41-13B	NENE	13	070S	230E	4304716485	99996	Federal	WI	I
RWU 170 (41-15B)	RW 41-15B	NENE	15	070S	230E	4304716495	99996	Federal	WI	I
RWU 173 (21-21B)	RW 21-21B	NENW	21	070S	230E	4304716496	99996	Federal	WI	A
RWU 182 (14-21B)	RW 14-21B	SWSW	21	070S	230E	4304716497	99996	Federal	WI	A
RWU 185 (41-1B)	RW 41-14B	NENE	14	070S	230E	4304716498	99996	Federal	WI	A
RWU 212 (41-8F)	RW 41-8F	NENE	08	080S	240E	4304720014	5670	Federal	GW	P
RWU 213 (41-33B)	RW 41-33B	NENE	33	070S	230E	4304720060	99996	Federal	WD	A
RWU 215 (43-28A)	RW 43-28A	NESE	28	070S	220E	4304730058	99996	Federal	WD	A
RWU 216 (21-27A)	RW 21-27A	NENW	27	070S	220E	4304730103	99996	Federal	WI	A
RWU 219 (44-21C)	RW 44-21C	SESE	21	070S	240E	4304730149	5670	Federal	GW	S
RWU 220 (22-23B)	RW 22-23B	SENW	23	070S	230E	4304730192	5670	Federal	OW	TA
RWU 221 (13-27B)	RW 13-27B	NWSW	27	070S	230E	4304730199	5670	Federal	OW	TA
RWU 222 (31-27B)	RW 31-27B	NWNE	27	070S	230E	4304730200	5670	Federal	GW	TA
RWU 224 (44-22B)	RW 44-22B	SESE	22	070S	230E	4304730202	5670	Federal	GW	TA
RWU 225 (13-23B)	RW 13-23B	NWSW	23	070S	230E	4304730212	5670	Federal	GW	TA
RWU 226 (24-23B)	RW 24-23B	SESW	23	070S	230E	4304730249	5670	Federal	GW	S
RWU 227 (14-26B)	RW 14-26B	SWSW	26	070S	230E	4304730257	5670	Federal	OW	TA
RWU 228 (21-34B)	RW 21-34B	NENW	34	070S	230E	4304730258	5670	Federal	OW	P
RWU 229 (43-26B)	RW 43-26B	NESE	26	070S	230E	4304730259	5670	Federal	OW	TA
RWU 230 (14-18C)	RW 14-18C	SWSW	18	070S	240E	4304730309	5670	Federal	OW	P
RWU 231 (21-35B)	RW 21-35B	NENW	35	070S	230E	4304730310	5670	Federal	OW	TA
RWU 232 (12-26B)	RW 12-26B	SWNW	26	070S	230E	4304730311	5670	Federal	OW	TA
RWU 233 (12-25B)	RW 12-25B	SWNW	25	070S	230E	4304730312	5670	Federal	OW	TA
RWU 234 (32-24B)	RW 32-24B	SWNE	24	070S	230E	4304730313	5670	Federal	OW	P
RWU 235 (34-18C)	RW 34-18C	SWSE	18	070S	240E	4304730314	5670	Federal	OW	S
RWU 236 (21-19C)	RW 21-19C	NENW	19	070S	240E	4304730340	5670	Federal	GW	P
RWU 237 (14-25B)	RW 14-25B	SWSW	25	070S	230E	4304730341	5670	Federal	OW	P
RWU 238 (32-35B)	RW 32-35B	SWNE	35	070S	230E	4304730342	5670	Federal	OW	TA
RWU 239 (41-35B)	RW 41-35B	NENE	35	070S	230E	4304730343	5670	Federal	OW	TA

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RED WASH UNIT

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 240 (12-36B)	RW 12-36B	SWNW	36	070S	230E	4304730344	5670	Federal	OW	S
RWU 241 (22-14B)	RW 22-14B	SENW	14	070S	230E	4304730345	5670	Federal	OW	P
RW 42-13B	RW 42-13B	SENE	13	070S	230E	4304730346	5670	Federal	OW	P
RWU 243 (42-18C)	RW 42-18C	SENE	18	070S	240E	4304730347	5670	Federal	OW	TA
RWU 244 (23-19C)	RW 23-19C	NESW	19	070S	240E	4304730348	5670	Federal	GW	P
RWU 246 (22-18C)	RW 22-18C	SENW	18	070S	240E	4304730387	5670	Federal	OW	P
RWU 247 (22-17C)	RW 22-17C	SENW	17	070S	240E	4304730388	5670	Federal	GW	P
RWU 258 (34-22A)	RW 34-22A	SWSE	22	070S	220E	4304730458	5670	Federal	WI	A
RWU 262 (22-26B)	RW 22-26B	SENW	26	070S	230E	4304730517	5670	Federal	GW	TA
RWU 263 (24-26B)	RW 24-26B	SESW	26	070S	230E	4304730518	99996	Federal	WI	I
RWU 264 (31-35B)	RW 31-35B	NWNE	35	070S	230E	4304730519	99996	Federal	WI	A
RWU 265 (44-26B)	RW 44-26B	SESE	26	070S	230E	4304730520	5670	Federal	GW	P
RWU 266 (33-26B)	RW 33-26B	NWSE	26	070S	230E	4304730521	99996	Federal	WI	I
RWU 269 (13-26B)	RW 13-26B	NWSW	26	070S	230E	4304730522	99996	Federal	WI	A
RWU 273 (42-27B)	RW 42-27B	SENE	27	070S	230E	4304731051	5670	Federal	OW	TA
RWU 279 (11-36B)	RW 11-36B	NWNW	36	070S	230E	4304731052	99996	Federal	WI	A
RWU 276 (44-27B)	RW 44-27B	SESE	27	070S	230E	4304731053	5670	Federal	OW	TA
RWU 272 (44-23B)	RW 44-23B	SESE	23	070S	230E	4304731054	5670	Federal	GW	P
RWU 278 (11-26)	RW 11-26	NWNW	26	070S	230E	4304731076	5670	Federal	GW	TA
RWU 275 (31-26B)	RW 31-26B	NWNE	26	070S	230E	4304731077	99996	Federal	WI	A
RWU 280 (11-35B)	RW 11-35B	NWNW	35	070S	230E	4304731079	5670	Federal	OW	P
RWU 282 (42-26B)	RW 42-26B	SENE	26	070S	230E	4304731080	5670	Federal	GW	TA
RWU 271 (42-35B)	RW 42-35B	SENE	35	070S	230E	4304731081	5670	Federal	WI	I
RWU 270 (22-35B)	RW 22-35B	SENW	35	070S	230E	4304731082	5670	Federal	OW	P
RWU 284 (33-23B)	RW 33-23B	NWSE	23	070S	230E	4304731476	5670	Federal	GW	TA
RWU 285 (11-24B)	RW 11-24B	NWNW	24	070S	230E	4304731477	5670	Federal	OW	P
RWU 286 (42-21B)	RW 42-21B	SENE	21	070S	230E	4304731478	5670	Federal	OW	P
RW 44-13B	RW 44-13B	SESE	13	070S	230E	4304731512	5670	Federal	OW	TA
RWU 288 (24-27)	RW 24-27	SESW	27	070S	230E	4304731513	5670	Federal	OW	TA
RWU 289 (13-24B)	RW 13-24B	NWSW	24	070S	230E	4304731517	5670	Federal	OW	P
RWU 292 (42-23B)	RW 42-23B	SENE	23	070S	230E	4304731576	5670	Federal	GW	TA
RWU 295 (11-22B)	RW 11-22B	NWNW	22	070S	230E	4304731577	5670	Federal	GW	TA
RWU 296 (12-35B)	RW 12-35B	SWNW	35	070S	230E	4304731578	5670	Federal	OW	S
RWU 297 (24-15B)	RW 24-15B	SESW	15	070S	230E	4304731579	5670	Federal	OW	P
RWU 293 (22-22A)	RW 22-22A	SENW	22	070S	220E	4304731581	5670	Federal	OW	TA
RWU 294 (24-18C)	RW 24-18C	SESW	18	070S	240E	4304731582	5670	Federal	GW	P
RWU 298 (22-27B)	RW 22-27B	SENW	27	070S	230E	4304731679	5670	Federal	OW	TA
RWU 301 (43-15B)	RW 43-15B	NESE	15	070S	230E	4304731682	5670	Federal	GW	TA
RWU 302 (22-24B)	RW 22-24B	SENW	24	070S	230E	4304731683	5670	Federal	GW	TA
RWU 303 (34-17B)	RW 34-17B	SWSE	17	070S	230E	4304731819	5670	Federal	OW	P
RED WASH 305 (41-4F)	RW 41-4F	C-NE	04	080S	240E	4304732538	5670	Federal	GW	TA

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RED WASH 306	RW 23-23C	NESW	23	070S	240E	4304732629	5670	Federal	GW	P
RWU 207	RW 14-17B	SWSW	17	070S	230E	4304732738	5670	Federal	OW	P
RED WASH UNIT 261	RW 23-17B	NESW	17	070S	230E	4304732739	5670	Federal	WI	A
RWU 268 (43-17B)	RW 43-17B	NESE	17	070S	230E	4304732980	5670	Federal	WI	A
RWU 267 (32-17B)	RW 32-17B	SWNE	17	070S	230E	4304732981	5670	Federal	OW	P
RWU 283 (43-18B)	RW 43-18B	NESE	18	070S	230E	4304732982	5670	Federal	WI	A
RWU 299 (32-18B)	RW 32-18B	SWNE	18	070S	230E	4304733018	5670	Federal	OW	P
RWU 42-20B	RW 42-20B	SENE	20	070S	230E	4304733490	5670	Federal	OW	P
RWU 22-20B	RW 22-20B	SENW	20	070S	230E	4304733491	5670	Federal	OW	S
RWU 24-19B	RW 24-19B	SESW	19	070S	230E	4304733492	5670	Federal	OW	P
RWU 13-19B	RW 13-19B	NWSW	19	070S	230E	4304733497	5670	Federal	WI	A
RWU 13-20B	RW 13-20B	NWSW	20	070S	230E	4304733498	5670	Federal	WI	A
RWU 33-19B	RW 33-19B	NWSE	19	070S	230E	4304733499	5670	Federal	WI	A
RWU 33-20B	RW 33-20B	NWSE	20	070S	230E	4304733500	5670	Federal	WI	A
RED WASH 22-21B	RW 22-21B	SENW	21	070S	230E	4304733522	5670	Federal	OW	S
RED WASH 24-20B	RW 24-20B	SESW	20	070S	230E	4304733523	5670	Federal	OW	P
RED WASH 44-19B	RW 44-19B	SESE	19	070S	230E	4304733524	5670	Federal	OW	P
RED WASH 44-20B	RW 44-20B	SESE	20	070S	230E	4304733525	5670	Federal	OW	P
RWU 11-19B	RW 11-19B	NWNW	19	070S	230E	4304733552	5670	Federal	WI	A
RWU 11-20B	RW 11-20B	NWNW	20	070S	230E	4304733553	5670	Federal	WI	A
RWU 24-18B	RW 24-18B	SESW	18	070S	230E	4304733554	5670	Federal	OW	P
RWU 31-19B	RW 31-19B	NWNE	19	070S	230E	4304733555	5670	Federal	WI	A
RWU 42-19B	RW 42-19B	SENE	19	070S	230E	4304733556	5670	Federal	OW	P
RWU 22-19B	RW 22-19B	SENW	19	070S	230E	4304733559	5670	Federal	OW	P
RWU 23-24A	RW 23-24A	NESW	24	070S	220E	4304733567	5670	Federal	OW	P
RWU 34-24A	RW 34-24A	SWSE	24	070S	220E	4304733568	5670	Federal	WI	A
RWU 42-24A	RW 42-24A	SENE	24	070S	220E	4304733569	5670	Federal	OW	S
RWU 11-25A	RW 11-25A	NWNW	25	070S	220E	4304733574	5670	Federal	WI	A
RWU 13-25A	RW 13-25A	NWSW	25	070S	220E	4304733575	5670	Federal	WI	A
RWU 21-25A	RW 21-25A	NENW	25	070S	220E	4304733576	5670	Federal	OW	P
RWU 31-25A	RW 31-25A	NWNE	25	070S	220E	4304733577	5670	Federal	WI	A
RWU 33-25A	RW 33-25A	NWSE	25	070S	220E	4304733578	5670	Federal	WI	A
RW 41-25AX	RW 41-25A	NENE	25	070S	220E	4304733579	5670	Federal	OW	P
RWU 42-25A	RWU 42-25A	SENE	25	070S	220E	4304733580	5670	Federal	OW	TA
RWU 11-29B	RW 11-29B	NWNW	29	070S	230E	4304733590	5670	Federal	WI	A
RWU 12-24A	RW 12-24A	SWNW	24	070S	220E	4304733591	5670	Federal	WI	A
RWU 21-24A	RW 21-24A	NENW	24	070S	220E	4304733592	5670	Federal	OW	P
RWU 34-13A	RW 34-13A	SWSE	13	070S	220E	4304733593	5670	Federal	WI	A
RWU 44-18B	RW 44-18B	SESE	18	070S	230E	4304733594	5670	Federal	OW	P
RW 22-13A	RW 22-13A	SENW	13	070S	220E	4304733765	13296	Federal	OW	S
RWU 22-29B	RW 22-29B	SENW	29	070S	230E	4304733766	5670	Federal	OW	S

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Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 41-24A	RW 41-24A	NENE	24	070S	220E	4304733769	5670	Federal	OW	P
RWU 42-30B	RW 42-30B	SENE	30	070S	230E	4304733771	5670	Federal	OW	P
RWU 44-30B	RWU 44-30B	SESE	30	070S	230E	4304733772	5670	Federal	OW	P
RWU 11-30B	RW 11-30B	NWNW	30	070S	230E	4304733785	5670	Federal	WI	A
RWU 22-25A	RW 22-25A	SENW	25	070S	220E	4304733786	5670	Federal	OW	P
RWU 31-30B	RW 31-30B	NWNE	30	070S	230E	4304733788	5670	Federal	WI	A
RWU 33-30B	RW 33-30B	NWSE	30	070S	230E	4304733790	5670	Federal	WI	A
RED WASH U 34-27C	RW 34-27C	SWSE	27	070S	240E	4304735045	5670	Federal	GW	P
RWU 34-22C	RW 34-22C	SWSE	22	070S	240E	4304735098	5670	Federal	GW	P
RW 12G-20C	RW 12G-20C	SWNW	20	070S	240E	4304735239	14011	Federal	GW	S
RW 43G-08F	RW 43G-08F	NESE	08	080S	240E	4304735655		Federal	GW	APD
RW 22G-09F	RW 22G-09F	SENW	09	080S	240E	4304735656	15636	Federal	GW	OPS
RWU 34-23AG	RW 34-23AG	SWSE	23	070S	220E	4304735668	5670	Federal	OW	P
RWU 34-27AG	RWU 34-27AD	SWSE	27	070S	220E	4304735669	5670	Federal	OW	DRL
RWU 32-27AG	RWU 32-27AG	SWNE	27	070S	220E	4304735670	5670	Federal	OW	S
RW 14-34AMU	RW 14-34AMU	SWSW	34	070S	220E	4304735671	14277	Federal	GW	P
RW 12-08FG	RW 12-08FG	SWNW	08	080S	240E	4304736348		Federal	GW	APD
RW 44-08FG	RW 44-08FG	SESE	08	080S	240E	4304736349	15261	Federal	GW	P
RW 12-17FG	RW 12-17FG	SWNW	17	080S	240E	4304736350		Federal	GW	APD
RW 34-34 AMU	RW 34-34 AD	SWSE	34	070S	220E	4304736351		Federal	GW	APD
RW 44-35 AMU	RW 44-35 AMU	SESE	35	070S	220E	4304736352		Federal	GW	APD
RW 14-35 AMU	RW 14-35 AMU	SWSW	35	070S	220E	4304736354		Federal	GW	APD
RW 33-31 BMU	RW 33-31 BD	NWSE	31	070S	230E	4304736357		Federal	GW	APD
RW 13-31 BMU	RW 13-31 BD	NWSW	31	070S	230E	4304736358		Federal	GW	APD
RW 32-15FG	RW 32-15FG	SWNE	15	080S	240E	4304736443		Federal	GW	APD
RW 21-26AG	RW 21-26AD	NENW	26	070S	220E	4304736768		Federal	OW	APD
RW 43-26AG	RW 43-26AG	NESE	26	070S	220E	4304736769		Federal	OW	APD
RW 43-23AG	RW 43-23AG	NESE	23	070S	220E	4304736770		Federal	OW	APD
RW 41-26AG	RW 41-26AG	NENE	26	070S	220E	4304736818		Federal	OW	APD
RW 04-25BG	RW 04-25B	NWSW	25	070S	230E	4304736982		Federal	OW	APD
RW 01-25BG	RW 01-25BG	NWNW	25	070S	230E	4304736983		Federal	OW	APD
RW 04-26BG	RW 04-26BG	SESW	26	070S	230E	4304736984		Federal	OW	APD
RW 01-26BG	RW 01-26BG	SWNW	26	070S	230E	4304736985		Federal	OW	APD
RW 01-35BG	RW 01-35BG	SWNW	35	070S	230E	4304736986		Federal	OW	APD

QEP Uinta Basin (N2460) to QUESTAR E and P (N5085)
RED WASH UNIT

4/30/2007 and 5/15/2007

Original Well Name	Well Name & No.	Q/Q	SEC	TWP	RNG	API	Entity	Lease	Well Type	Status
RWU 51 (12-16B)	RW 12-16B	SWNW	16	070S	230E	4304715177	5670	State	OW	P
RWU ST 189 (41-16B)	RW 41-16B	NENE	16	070S	230E	4304715292	5670	State	OW	S
RED WASH UNIT 259	RW 14-16B	SWSW	16	070S	230E	4304732785	5670	State	OW	P
RED WASH UNIT 260	RW 34-16B	SWSE	16	070S	230E	4304732786	5670	State	OW	P
RWU 324 (23-16B)	RW 23-16B	SESW	16	070S	230E	4304733084	5670	State	WI	OPS
RWU 21W-36A	RWU 21W-36A	NENW	36	070S	220E	4304733730		State	GW	LA
RWU 21G-36A	RWU 21G-36A	NENW	36	070S	220E	4304733731		State	OW	LA
RWU 41-36A	RWU 41-36A	NENE	36	070S	220E	4304733732		State	OW	LA
RWU 43-16B	RWU 43-16B	NESE	16	070S	230E	4304733733		State	OW	LA
RWU 21-16B	RWU 21-16B	NENW	16	070S	230E	4304733734		State	OW	LA
RWU 11-36A	RWU 11-36A	NWNW	36	070S	220E	4304733736		State	OW	LA
RWU 13-36A	RWU 13-36A	NWSW	36	070S	220E	4304733737		State	OW	LA
RW 32G-16C	RW 32G-16C	SWNE	16	070S	240E	4304735238	5670	State	GW	P
RW 14-36AMU	RW 14-36AMU	SWSW	36	070S	220E	4304736721		State	GW	APD
RW 01-36BG	RW 01-36BG	NWNW	36	070S	230E	4304736887	5670	State	OW	S
RW 24-16BG	RW 24-16BG	SESW	16	070S	230E	4304737746	5670	State	OW	DRL
RW 12-32BG	RW 12-32BG	SWNW	32	070S	230E	4304737946	15841	State	GW	DRL

MECHANICAL INTEGRITY TEST
CASING OR ANNULUS PRESSURE TEST

U.S. ENVIRONMENTAL PROTECTION AGENCY
UNDERGROUND INJECTION CONTROL PROGRAM, UIC IMPLEMENTATION SECTION (8P-W-GW)
999 18TH STREET, SUITE 300, DENVER,CO. 80202-2466

EPA WITNESS: NO **DATE:** 2/8/2007 **TIME:** 8:20 ☑ AM ☐ PM

TEST CONDUCTED BY: Dennis J. Paulson (Questar)

OTHERS PRESENT: (ADVANTAGE OILFIELD SERVICE) KEVIN CARTER

API NUMBER: 43-047-16478 **EPA ID NUMBER:** UT2000-02422

WELL NAME: RW 12-27A **TYPE:** ☑ ER ☐ SWD **STATUS:** ☐ AC ☑ TA ☐ UC

FIELD: RED WASH

WELL LOCATION: SWNW-SEC27-T7S-R22E ☐ N ☐ S ☐ E ☐ W **COUNTY:** UINTAH **STATE:** UTAH

OPERATOR: QEP UINTA BASIN INC.

LAST MIT: 11-Feb-05 **MAXIMUM ALLOWABLE PRESSURE:** 2048 PSIG

IS THIS A REGULAR SCHEDULED TEST? ☑ YES ☐ NO

INITIAL TEST FOR PERMIT? ☐ YES ☑ NO

TEST AFTER WELL WORK? ☐ YES ☑ NO

WELL INJECTING DURING TEST? ☐ YES ☑ NO IF YES, RATE: _____ BPD

PRE-TEST CASING/TUBING ANNULUS PRESSURE: 6 :PSIG

MIT DATA TABLE	TEST #1	TEST #2	TEST #3
TUBING PRESSURE			
INITIAL PRESSURE	489 PSIG	PSIG	PSIG
END OF TEST PRESSURE	489.1 PSIG	PSIG	PSIG

CASING/TUBING	ANNULUS	TUBING	
0 MINUTES	1082.6 @8:33.05 PSIG	489 PSIG	PSIG
5 MINUTES	1079.3 @8:38:13 PSIG	489.1 PSIG	PSIG
10 MINUTES	1077.1 @8:43:07 PSIG	489.1 PSIG	PSIG
15 MINUTES	1075.4 @8:48:02 PSIG	489 PSIG	PSIG
20 MINUTES	1073.9 @8:53:23 PSIG	489.1 PSIG	PSIG
25 MINUTES	1072.9 @8:58:17 PSIG	489.1 PSIG	PSIG
30 MINUTES	1072.0 @9:03:11 PSIG	489.1 PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
MINUTES	PSIG	PSIG	PSIG
RESULT	☑ PASS ☐ FAIL	☐ PASS ☐ FAIL	☐ PASS ☐ FAIL

DOES THE ANNULUS PRESSURE BUILD BACK UP AFTER THE TEST? ☐ YES ☑ NO

QUESTAR

RW 12-27A
MIT

5000	PSIG	24904-2	26	OCT	2006			
DATE	MONTH	YEAR	TIME	FILE	SAMPLE	CASING PSIG	TUBING PSIG	AMBIENT TEMP
8	FEB	2007	8:28:51	2	1	0		77
8	FEB	2007	8:28:53	2	2	0		77
8	FEB	2007	8:29:07	2	3	0		77
8	FEB	2007	8:29:21	2	4	0		77
8	FEB	2007	8:29:35	2	5	0		77
8	FEB	2007	8:29:49	2	6	0		77
8	FEB	2007	8:30:03	2	7	0		77
8	FEB	2007	8:30:17	2	8	0		77
8	FEB	2007	8:30:31	2	9	0		75
8	FEB	2007	8:30:45	2	10	0		75
8	FEB	2007	8:30:59	2	11	92.28		75
8	FEB	2007	8:31:13	2	12	253.93		73
8	FEB	2007	8:31:27	2	13	417.04		73
8	FEB	2007	8:31:41	2	14	554.7		73
8	FEB	2007	8:31:55	2	15	682.1		72
8	FEB	2007	8:32:10	2	16	785		72
8	FEB	2007	8:32:24	2	17	887.3		72
8	FEB	2007	8:32:37	2	18	967.8		70
8	FEB	2007	8:32:51	2	19	1050.4		70
8	FEB	2007	8:33:05	2	20	1082.6	489	70
8	FEB	2007	8:33:19	2	21	1081.4		68
8	FEB	2007	8:33:33	2	22	1081.1		68
8	FEB	2007	8:33:47	2	23	1081.4		66
8	FEB	2007	8:34:01	2	24	1081.3		66
8	FEB	2007	8:34:15	2	25	1081.4		66
8	FEB	2007	8:34:29	2	26	1081		66
8	FEB	2007	8:34:43	2	27	1081.2		64
8	FEB	2007	8:34:57	2	28	1081		64
8	FEB	2007	8:35:11	2	29	1080.9		64
8	FEB	2007	8:35:25	2	30	1080.6		64
8	FEB	2007	8:35:39	2	31	1080.7		63
8	FEB	2007	8:35:53	2	32	1080.5		63
8	FEB	2007	8:36:08	2	33	1080.2		63
8	FEB	2007	8:36:22	2	34	1080.3		61
8	FEB	2007	8:36:35	2	35	1080.1		61
8	FEB	2007	8:36:49	2	36	1080		61
8	FEB	2007	8:37:03	2	37	1080		59
8	FEB	2007	8:37:17	2	38	1079.8		59
8	FEB	2007	8:37:31	2	39	1079.6		59
8	FEB	2007	8:37:45	2	40	1079.4		59
8	FEB	2007	8:37:59	2	41	1079.5		57
8	FEB	2007	8:38:13	2	42	1079.3	489.1	57
8	FEB	2007	8:38:27	2	43	1079.2		57
8	FEB	2007	8:38:41	2	44	1079		57
8	FEB	2007	8:38:55	2	45	1078.8		57
8	FEB	2007	8:39:09	2	46	1078.9		55
8	FEB	2007	8:39:23	2	47	1078.8		55
8	FEB	2007	8:39:37	2	48	1078.6		55
8	FEB	2007	8:39:51	2	49	1078.7		54

QUESTAR

RW 12-27A
MIT

8	FEB	2007	8:40:06	2	50	1078.5		54
8	FEB	2007	8:40:20	2	51	1078.3		54
8	FEB	2007	8:40:33	2	52	1078.1		54
8	FEB	2007	8:40:47	2	53	1078.2		52
8	FEB	2007	8:41:01	2	54	1078		52
8	FEB	2007	8:41:15	2	55	1077.9		52
8	FEB	2007	8:41:29	2	56	1077.7		52
8	FEB	2007	8:41:43	2	57	1077.8		50
8	FEB	2007	8:41:57	2	58	1077.6		50
8	FEB	2007	8:42:11	2	59	1077.5		50
8	FEB	2007	8:42:25	2	60	1077.3		50
8	FEB	2007	8:42:39	2	61	1077.1		50
8	FEB	2007	8:42:53	2	62	1077.2		48
8	FEB	2007	8:43:07	2	63	1077.1	489.1	48
8	FEB	2007	8:43:21	2	64	1077		48
8	FEB	2007	8:43:35	2	65	1076.8		48
8	FEB	2007	8:43:49	2	66	1076.6		48
8	FEB	2007	8:44:04	2	67	1076.8		46
8	FEB	2007	8:44:18	2	68	1076.6		46
8	FEB	2007	8:44:31	2	69	1076.5		46
8	FEB	2007	8:44:45	2	70	1076.4		46
8	FEB	2007	8:44:59	2	71	1076.2		46
8	FEB	2007	8:45:13	2	72	1076.4		45
8	FEB	2007	8:45:27	2	73	1076.2		45
8	FEB	2007	8:45:41	2	74	1076.1		45
8	FEB	2007	8:45:55	2	75	1076		45
8	FEB	2007	8:46:09	2	76	1075.9		45
8	FEB	2007	8:46:23	2	77	1075.7		45
8	FEB	2007	8:46:37	2	78	1075.9		43
8	FEB	2007	8:46:51	2	79	1075.8		43
8	FEB	2007	8:47:05	2	80	1075.6		43
8	FEB	2007	8:47:19	2	81	1075.5		43
8	FEB	2007	8:47:33	2	82	1075.4		43
8	FEB	2007	8:47:47	2	83	1075.3		43
8	FEB	2007	8:48:02	2	84	1075.4	489	41
8	FEB	2007	8:48:16	2	85	1075.3		41
8	FEB	2007	8:48:29	2	86	1075.2		41
8	FEB	2007	8:48:43	2	87	1075.1		41
8	FEB	2007	8:48:57	2	88	1075		41
8	FEB	2007	8:49:11	2	89	1075		41
8	FEB	2007	8:49:25	2	90	1074.8		41
8	FEB	2007	8:49:39	2	91	1074.8		41
8	FEB	2007	8:49:53	2	92	1074.9		39
8	FEB	2007	8:50:07	2	93	1074.8		39
8	FEB	2007	8:50:21	2	94	1074.7		39
8	FEB	2007	8:50:35	2	95	1074.6		39
8	FEB	2007	8:50:49	2	96	1074.5		39
8	FEB	2007	8:51:03	2	97	1074.4		39
8	FEB	2007	8:51:17	2	98	1074.3		39
8	FEB	2007	8:51:31	2	99	1074.3		39
8	FEB	2007	8:51:45	2	100	1074.5		37
8	FEB	2007	8:52:00	2	101	1074.4		37

QUESTAR

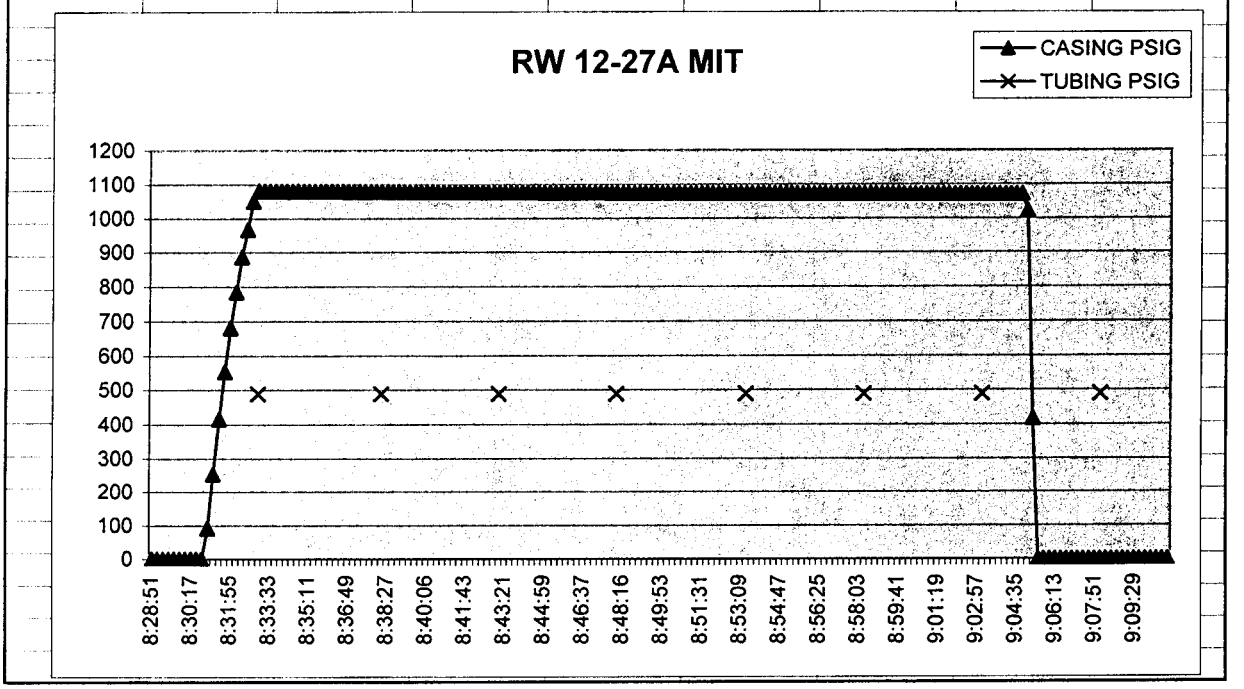
RW 12-27A
MIT

8	FEB	2007	8:52:14	2	102	1074.3		37
8	FEB	2007	8:52:27	2	103	1074.2		37
8	FEB	2007	8:52:41	2	104	1074.2		37
8	FEB	2007	8:52:55	2	105	1074.1		37
8	FEB	2007	8:53:09	2	106	1074		37
8	FEB	2007	8:53:23	2	107	1073.9	489.1	37
8	FEB	2007	8:53:37	2	108	1073.8		37
8	FEB	2007	8:53:51	2	109	1073.8		37
8	FEB	2007	8:54:05	2	110	1073.7		37
8	FEB	2007	8:54:19	2	111	1073.6		37
8	FEB	2007	8:54:33	2	112	1073.8		36
8	FEB	2007	8:54:47	2	113	1073.8		36
8	FEB	2007	8:55:01	2	114	1073.7		36
8	FEB	2007	8:55:15	2	115	1073.6		36
8	FEB	2007	8:55:29	2	116	1073.5		36
8	FEB	2007	8:55:43	2	117	1073.5		36
8	FEB	2007	8:55:58	2	118	1073.4		36
8	FEB	2007	8:56:12	2	119	1073.3		36
8	FEB	2007	8:56:25	2	120	1073.2		36
8	FEB	2007	8:56:39	2	121	1073.1		36
8	FEB	2007	8:56:53	2	122	1073.1		36
8	FEB	2007	8:57:07	2	123	1073		36
8	FEB	2007	8:57:21	2	124	1073.2		34
8	FEB	2007	8:57:35	2	125	1073.1		34
8	FEB	2007	8:57:49	2	126	1073.1		34
8	FEB	2007	8:58:03	2	127	1073		34
8	FEB	2007	8:58:17	2	128	1072.9	489.1	34
8	FEB	2007	8:58:31	2	129	1072.9		34
8	FEB	2007	8:58:45	2	130	1072.9		34
8	FEB	2007	8:58:59	2	131	1072.8		34
8	FEB	2007	8:59:13	2	132	1072.7		34
8	FEB	2007	8:59:27	2	133	1072.7		34
8	FEB	2007	8:59:41	2	134	1072.6		34
8	FEB	2007	8:59:55	2	135	1072.5		34
8	FEB	2007	9:00:10	2	136	1072.5		34
8	FEB	2007	9:00:24	2	137	1072.4		34
8	FEB	2007	9:00:37	2	138	1072.3		34
8	FEB	2007	9:00:51	2	139	1072.3		34
8	FEB	2007	9:01:05	2	140	1072.2		34
8	FEB	2007	9:01:19	2	141	1072.5		32
8	FEB	2007	9:01:33	2	142	1072.4		32
8	FEB	2007	9:01:47	2	143	1072.4		32
8	FEB	2007	9:02:01	2	144	1072.3		32
8	FEB	2007	9:02:15	2	145	1072.3		32
8	FEB	2007	9:02:29	2	146	1072.2		32
8	FEB	2007	9:02:43	2	147	1072.2		32
8	FEB	2007	9:02:57	2	148	1072.1		32
8	FEB	2007	9:03:11	2	149	1072	489.1	32
8	FEB	2007	9:03:25	2	150	1072		32
8	FEB	2007	9:03:39	2	151	1072		32
8	FEB	2007	9:03:53	2	152	1071.9		32
8	FEB	2007	9:04:08	2	153	1071.9		32

QUESTAR

RW 12-27A
MIT

8	FEB	2007	9:04:22	2	154	1071.8		32
8	FEB	2007	9:04:35	2	155	1071.8		32
8	FEB	2007	9:04:49	2	156	1071.7		32
8	FEB	2007	9:05:03	2	157	1022.4		32
8	FEB	2007	9:05:17	2	158	418.62		32
8	FEB	2007	9:05:31	2	159	0		32
8	FEB	2007	9:05:45	2	160	0		32
8	FEB	2007	9:05:59	2	161	0		32
8	FEB	2007	9:06:13	2	162	0		32
8	FEB	2007	9:06:27	2	163	0		32
8	FEB	2007	9:06:41	2	164	0		32
8	FEB	2007	9:06:55	2	165	0		32
8	FEB	2007	9:07:09	2	166	0		32
8	FEB	2007	9:07:23	2	167	0		32
8	FEB	2007	9:07:37	2	168	0		32
8	FEB	2007	9:07:51	2	169	0		32
8	FEB	2007	9:08:06	2	170	0	489.1	34
8	FEB	2007	9:08:20	2	171	0		34
8	FEB	2007	9:08:33	2	172	0		34
8	FEB	2007	9:08:47	2	173	0		34
8	FEB	2007	9:09:01	2	174	0		36
8	FEB	2007	9:09:15	2	175	0		36
8	FEB	2007	9:09:29	2	176	0		36
8	FEB	2007	9:09:43	2	177	0		37
8	FEB	2007	9:09:57	2	178	0		37
8	FEB	2007	9:10:11	2	179	0		37
8	FEB	2007	9:10:25	2	180	0		37
8	FEB	2007	9:10:39	2	181	0		39
8	FEB	2007	9:10:53	2	182	0		39



Questar Exploration and Production Company
1571 East 1700 South
Vernal, UT 84078
Tel 435 781 4097 • Fax 435 781 4066

QUESTAR

A. M. Petrik
Phone: 435-781-4092
Fax: 435-781-4066
Email: ann.petrik@questar.com

February 22, 2007

Via Certified Mail: 7006 2150 0002 4305 7886

Mr. Nathan Wiser (8ENF-UFO)
U.S. Environmental Protection Agency, Region 8
1595 Wynkoop Street
Denver, Colorado 80202-1129

RE: Mechanical Integrity Test (MIT)
for
RW 12-27A
UIC #UT2000-02422
API #43-047-16478
Location: SWNW Section 27 T7S R22E

Dear Mr. Wiser:

Enclosed for the subject well is the successful MIT result including the Casing or Annulus Pressure Test form and the pressure test chart. The MIT for this well is a regularly scheduled test.

If you have any questions or require additional information, I can be reached at 435-781-4092.

Sincerely,

Ann M. Petrik
Office Administrator I

RECEIVED
FEB 2 8 2007
DIV. OF OIL, GAS & MINING

Enclosures: MIT Casing or Annulus Pressure Test Form
MIT Results Spreadsheet with Pressure Test Chart

cc: Utah Division of Oil Gas and Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

U.S. Department of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, Utah 84078

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	5. LEASE DESIGNATION AND SERIAL NUMBER: see attached
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached
	7. UNIT or CA AGREEMENT NAME: see attached
	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3. ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265 PHONE NUMBER: (303) 308-3068	10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL FOOTAGES AT SURFACE: attached QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	COUNTY: Uintah STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: 1/1/2007	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion:	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Operator Name Change
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective January 1, 2007 operator of record, QEP Uinta Basin, Inc., will hereafter be known as QUESTAR EXPLORATION AND PRODUCTION COMPANY. This name change involves only an internal corporate name change and no third party change of operator is involved. The same employees will continue to be responsible for operations of the properties described on the attached list. All operations will continue to be covered by bond numbers:
Federal Bond Number: 965002976 (BLM Reference No. ESB000024)
Utah State Bond Number: 965003033
Fee Land Bond Number: 965003033
Current operator of record, QEP UINTA BASIN, INC., hereby resigns as operator of the properties as described on the attached list.

Jay B. Neese, Executive Vice President, QEP Uinta Basin, Inc.

Successor operator of record, QUESTAR EXPLORATION AND PRODUCTION COMPANY, hereby assumes all rights, duties and obligations as operator of the properties as described on the attached list

Jay B. Neese, Executive Vice President
Questar Exploration and Production Company

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE DATE 3/16/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER: see attached	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: see attached	
7. UNIT or CA AGREEMENT NAME: see attached	
1 TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ OTHER	8. WELL NAME and NUMBER: see attached
2. NAME OF OPERATOR: QUESTAR EXPLORATION AND PRODUCTION COMPANY	9. API NUMBER: attached
3 ADDRESS OF OPERATOR: 1050 17th Street Suite 500 CITY Denver STATE CO ZIP 80265	PHONE NUMBER: (303) 308-3068 / 10. FIELD AND POOL, OR WILDCAT:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: attached	COUNTY: Uintah
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
☑ NOTICE OF INTENT (Submit in Duplicate)	☐ ACIDIZE	☐ DEEPEN	☐ REPERFORATE CURRENT FORMATION
Approximate date work will start: 1/1/2007	☐ ALTER CASING	☐ FRACTURE TREAT	☐ SIDETRACK TO REPAIR WELL
	☐ CASING REPAIR	☐ NEW CONSTRUCTION	☐ TEMPORARILY ABANDON
	☐ CHANGE TO PREVIOUS PLANS	☐ OPERATOR CHANGE	☐ TUBING REPAIR
	☐ CHANGE TUBING	☐ PLUG AND ABANDON	☐ VENT OR FLARE
☐ SUBSEQUENT REPORT (Submit Original Form Only)	☐ CHANGE WELL NAME	☐ PLUG BACK	☐ WATER DISPOSAL
Date of work completion:	☐ CHANGE WELL STATUS	☐ PRODUCTION (START/RESUME)	☐ WATER SHUT-OFF
	☐ COMMINGLE PRODUCING FORMATIONS	☐ RECLAMATION OF WELL SITE	☑ OTHER: Well Name Changes
	☐ CONVERT WELL TYPE	☐ RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

PER THE ATTACHED LIST OF WELLS, QUESTAR EXPLORATION AND PRODUCTION COMPANY REQUESTS THAT THE INDIVIDUAL WELL NAMES BE UPDATED IN YOUR RECORDS.

NAME (PLEASE PRINT) Debra K. Stanberry TITLE Supervisor, Regulatory Affairs

SIGNATURE [signature] DATE 4/17/2007

(This space for State use only)

RECEIVED
APR 19 2007
DIV. OF OIL, GAS & MINING

(5/2000) (See Instructions on Reverse Side)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

TAKE PRIDE IN AMERICA

IN REPLY REFER TO
3180
UT-922

April 23, 2007

Questar Exploration and Production Company
1050 17th Street, Suite 500
Denver, Colorado 80265

Re: Red Wash Unit
Uintah County, Utah

Gentlemen:

On April 12, 2007, we received an indenture dated April 6, 2007, whereby QEP Uinta Basin, Inc. resigned as Unit Operator and Questar Exploration and Production Company was designated as Successor Unit Operator for the Red Wash Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective April 23, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Red Wash Unit Agreement.

Your nationwide oil and gas bond No. ESB000024 will be used to cover all federal operations within the Red Wash Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure
bcc: Field Manager - Vernal (w/enclosure)
SITLA
Division of Oil, Gas & Mining
File - Red Wash Unit (w/enclosure)
Agr. Sec. Chron
Reading File
Central Files
UT922:TAThompson:tt:4/23/07

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OM B No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

1. Type of Well: ☐ Oil Well ☐ Gas Well ☑ Other
2. Name of Operator: **Questar Exploration and Production Inc.**
3a. Address: **1050 17th Street, Suite 500 Denver, CO 80265**
3b. Phone No. *(include area code)*: **303 308-3068**
4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*: **1980' FNL, 660' FWL, SWNW, SECTION 27, T7S, R22E, SLBM**

5. Lease Serial No.: **UTU 0558**
6. If Indian, Allottee or Tribe Name: **N/A**
7. If Unit or CA/Agreement, Name and/or No.: **Redwash**
8. Well Name and No.: **RW 12-27A**
9. API Well No.: **43-047-16478**
10. Field and Pool, or Exploratory Area: **Redwash**
11. County or Parish, State: **Uintah**

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar requests approval to plug and abandon this well as follows:

1. **Set cement retainer at 5560'**
2. **Stab into retainer and squeeze 35 sx cement, unstab and dump 35 sx of cement on top of retainer**
3. **Fill hole with minimum 9 ppg fluid.**
4. **Perforate the production casing @ 3200'**
5. **Balance plug from 3200' - 3000' inside production casing and in production casing x open hole annulus.**
6. **Perforate production casing @ 250', cement from 250' to surface in production casing and in production casing x surface casing annulus.**
7. **Cut off wellhead, install dryhole marker**

Work will start after Questar receives BLM, UDOGM and EPA approval

Please direct all questions regarding paperwork submittal to Debbie Stanberry at (303) 308-3068.
Please direct all technical questions regarding procedure to Lucius McGillivray at (435) 781-4319.

AUG 2 4 2007

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*: **Debra K. Stanberry** Title **Supervisor, Regulatory Affairs**
Signature: Date: **08/17/2007**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by Title Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Accepted by the Utah Division of Oil, Gas and Mining
Date: 9/4/07
By:

Federal Approval Of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

9-6-07
pm

P&A

Form 3160-5
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: March 31, 2007

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE- Other instructions on reverse side.

5. Lease Serial No.
UTU 0558

6. If Indian, Allottee or Tribe Name
N/A

7. If Unit or CA/Agreement, Name and/or No.
Redwash

1. Type of Well
☐ Oil Well ☐ Gas Well ☑ Other

8. Well Name and No.
RW 12-27A

2. Name of Operator
Questar Exploration and Production Inc.

9. API Well No.
43-047-~~15284~~ 16478

3a. Address
11002 E. 17500 S. VERNAL, UT 84078-8526

3b. Phone No. *(include area code)*
435-781-4319

10. Field and Pool, or Exploratory Area
Redwash

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
~~1980'~~ FNL, ~~660'~~ FWL, SWNW, SECTION 27, T7S, R22E, SLBM
2034 689

11. County or Parish, State
Uintah

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☑ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☑ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Questar Exploration and Production reports the following work to plug and abandon was finished on February 8, 2008 as follows:

1. **Set CICR @ 5460'**
2. **Pump 75 sacks under and 35 sacks on top**
3. **Perforate @ 3200'**
4. **Pump 125 sack plug from 3250'-2950'**
5. **Perforate @ 270'**
6. **Pump 130 sacks down tubing through perfs and back up to surface**
7. **Weld on plate**

BLM on location was Ray Arnold.

14. I hereby certify that the foregoing is true and correct
Name *(Printed/Typed)*
Lucius McGillivray lucius.mcgillivray@questar.com

Title **Associate Petroleum Engineer**

Signature Lucius McGillivray

Date 3-3-08

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED
MAR 04 2008
DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 3
AMENDED REPORT ☐

APPLICATION FOR PERMIT TO DRILL

1. WELL NAME and NUMBER
RW 12-27A

2. TYPE OF WORK
DRILL NEW WELL ○ REENTER P&A WELL ◉ DEEPEN WELL ○

3. FIELD OR WILDCAT
RED WASH

4. TYPE OF WELL
Gas Well Coalbed Methane Well: NO

5. UNIT or COMMUNITIZATION AGREEMENT NAME
RED WASH

6. NAME OF OPERATOR
QEP ENERGY COMPANY

7. OPERATOR PHONE
303 308-3068

8. ADDRESS OF OPERATOR
11002 East 17500 South, Vernal, Ut, 84078

9. OPERATOR E-MAIL
debbie.stanberry@questar.com

10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)
UTU0558

11. MINERAL OWNERSHIP
FEDERAL ◉ INDIAN ○ STATE ○ FEE ○

12. SURFACE OWNERSHIP
FEDERAL ◉ INDIAN ○ STATE ○ FEE ○

13. NAME OF SURFACE OWNER (if box 12 = 'fee')

14. SURFACE OWNER PHONE (if box 12 = 'fee')

15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')

16. SURFACE OWNER E-MAIL (if box 12 = 'fee')

17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')

18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS
YES ○ (Submit Commingling Application) NO ◉

19. SLANT
VERTICAL ◉ DIRECTIONAL ○ HORIZONTAL ○

20. LOCATION OF WELL	FOOTAGES	QTR-QTR	SECTION	TOWNSHIP	RANGE	MERIDIAN
LOCATION AT SURFACE	2038 FNL 684 FWL	SWNW	27	7.0 S	22.0 E	S
Top of Uppermost Producing Zone	2038 FNL 684 FWL	SWNW	27	7.0 S	22.0 E	S
At Total Depth	2038 FNL 684 FWL	SWNW	27	7.0 S	22.0 E	S

21. COUNTY
UINTAH

22. DISTANCE TO NEAREST LEASE LINE (Feet)
684

23. NUMBER OF ACRES IN DRILLING UNIT
40

25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)
1850

26. PROPOSED DEPTH
MD: 12060 TVD: 12060

27. ELEVATION - GROUND LEVEL
5409

28. BOND NUMBER
ESB000024

29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE
A-36125/ 49-2153

Hole, Casing, and Cement Information

String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement	Sacks	Yield	Weight
Surf	9	7	0 - 6499	23.0	J-55 LT&C	0.0	Class G	0	0.0	0.0
Prod	6.125	4.5	0 - 12060	11.6	HCP-110 LT&C	10.5	Halliburton Light , Type Unknown	240	3.18	11.0
							Halliburton Premium , Type Unknown	170	1.71	13.5

ATTACHMENTS

VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES

- ☑ WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER
- ☑ COMPLETE DRILLING PLAN
- ☐ AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)
- ☐ FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER
- ☐ DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)
- ☑ TOPOGRAPHICAL MAP

NAME Valyn Davis | **TITLE** Regulatory Affairs Analyst | **PHONE** 435 781-4369

SIGNATURE | **DATE** 09/12/2011 | **EMAIL** Valyn.Davis@qepres.com

API NUMBER ASSIGNED
43047164780000

APPROVAL

Permit Manager

RECEIVED: September 20, 2011

QEP Energy Company
RW 12-27A RE Drilling Prog
API#: 43-047-16478
Summarized Re-Entry Procedure

1. Excavate around Dry-Hole Marker, expose P&A well.
2. Slip-on and weld 10-3/4" conductor back to surface.
3. MIRU Pulling unit.
4. Wash over and remove 7" casing to approximately 270'.
5. RIH with external casing patch and tie 7" casing back to surface.
6. Install wellhead and pressure test to 3,000 psi.
7. Fill backside of 7" casing with cement back to surface.
8. NU BOP. RIH, drill out P&A plugs to original PBTD.
9. Pressure test previously squeezed perfs. Remediate if necessary.
10. RDMO with pulling unit.
11. MIRU drilling rig.
12. NU and test BOPE.
13. Drill out 7" shoe and down to 12,060' TVD with a 6 1/8" bit.
14. If hole conditions permit, log with triple combo.
15. Run and cement 4 ½" 11.6# HCP-110 casing.
16. ND BOPE.
17. RDMOL.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 12-27A RE (API#: 43-047-16478)

RE-ENTRY DRILLING PROGRAM

ONSHORE OIL & GAS ORDER NO. 1
Approval of Operations on Onshore
Federal Oil and Gas Leases

All lease and/or unit operations will be conducted in such a manner that full compliance is made with applicable laws, regulations (43 CFR 3100), Onshore Oil & Gas No. 1, and the approved plan of operations. The operator is fully responsible for the actions of its subcontractors. A copy of these conditions will be furnished the field representative to insure compliance.

1. Formation Tops

The estimated top of important geologic markers are as follows:

Formation	Depth, TVD & MD
Green River	3,140'
Mahogany	4,195'
Wasatch	6,348'
Original TD	6,520'
Mesaverde	9,620'
Sego	11,960'
TD	12,060'

2. Anticipated Depths of Oil, Gas, Water, and Other Mineral Bearing Zones

The estimated depths at which the top of the anticipated water, oil, gas, or other mineral bearing formations are expected to be encountered as follows:

Substance	Formation	Depth, TVD & MD
Gas	Wasatch	6,348'
Gas	Mesaverde	9,620'
Gas	Sego	11,960'

All fresh water and prospectively valuable minerals encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

All water shows and water-bearing sands will be reported to the BLM in Vernal, Utah. Copies of State of Utah form OGC-8-X are acceptable. If flows are detected, samples will be submitted to the BLM along with any water analyses conducted. Fresh water will be obtained from Wonsits Valley water right A36125 (which was filed on May 7, 1964) or Red Wash water right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that

any water right number filed before 1989 is not depleting to the Upper Colorado River System, to supply fresh water for drilling purposes. All water resulting from drilling operations will be disposed of at Red Wash Central Battery Disposal site; SWSE, Section 27, T7S, R23E or Wonsits Valley Disposal Site; SWNW, Section 12, T8S, R21E.

3. Operator's Specification for Pressure Control Equipment

A. 7 1/16" or 11" as available 5000 psi double ram with blind rams and pipe rams, annular preventer and drilling spool or BOP with 2 side outlets.

B. All BOP connection subject to pressure shall be flanged, welded or clamped.

C. Kill line (2" min), 2 choke line valves (3" min), choke line (3" min), 2 kill line valves (2" min) and a check valve, 2 chokes with one remotely controlled from rig floor and a pressure gauge on choke manifold.

D. Upper and Lower Kelly cock valves with handles and safety valve and subs to fit all drill string connections.

E. IBOP or float sub available.

F. Fill up line must be installed above the uppermost preventer.

G. Ram type preventers and associated equipment shall be tested to approved stack working pressure if isolated by test plug or to 50 percent of internal yield pressure of casing whichever is less. BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc…, for a 5M system and individual components shall be operable as designed.

4. Casing Design:

Hole Size	Csg. Size	Top (MD)	Bottom (MD)	Wt.	Grade	Thread	Cond.	Expected MW(ppg)
15"	10 ¾"	sfc	220'	40.5#	J-55	STC	Existing	N/A
9"	7"	sfc	6,499'	23#	J-55	LTC	Existing	N/A
6 1/8"	4 1/2"	sfc	12,060'	11.6#	HCP-110	LTC	New	8.8 – 10.5

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 12-27A RE (API#: 43-047-16478)

Casing Strengths:				Collapse	Burst	Tensile (min)
10 ¾"	40.5#	J-55	STC	1,580 psi	3,130 psi	420,000 lb.
7"	23#	J-55	LTC	3,270 psi	4,360 psi	313,000 lb.
4 1/2"	13.5#	N-80	LTC	8,830 psi	10,710 psi	279,000 lb.

Casing Design Factors
*The casing prescribed above meets or exceeds the below listed design factors.
Burst: 1.2
Collapse: 1.2
Tension: 1.6

Maximum anticipated mud weight: 10.5 ppg
Maximum anticipated surface treating pressure: 7,500 psi

5. Cementing Program

4-1/2" Production Casing: sfc – 12,060'

Lead Slurry: 3,000' (TOC) – 9,620. 240 sks (754 ft^3) Halliburton Extendacem, 3 pps Silicalite (extender), 1 pps Granulite TR ¼ (LCM), 0.125 pps Poly – E – Flake. Slurry Weight 11.0 lb/gal, 3.18 ft^3/sk, 25% excess over gauge in open hole only.

Tail Slurry: 9,620' – 12,060'. 170 sks (290 ft^3), Halliburton Expandacem, 0.2% Super CBL (Expander), 0.45% HR-5 (Retarder), 1 pps Granulite TR ¼, 0.125 pps Poly-E-Flake (LCM). Slurry Weight 13.5 lb/gal, 1.71 ft^3/sk, 25% excess over gauge hole.

*Final cement volumes to be calculated from caliper log and will attempt to pump cement to 3,000'.

6. Auxiliary Equipment

A. Kelly Cock – yes

B. Float at the bit – yes

C. Monitoring equipment on the mud system – PVT/Flow Show

D. Full opening safety valve on the rig floor – yes

E. Drilling below the 7" casing will be done with oil based mud. Maximum anticipated mud weight is 10.5 ppg.

F. No minimum quantity of weight material will be required to be kept on location.

G. Gas detector will be used from intermediate casing depth to TD.

7. Testing, logging and coring program

A. Cores – none.

B. DST – none anticipated

C. Logging – Mud logging – Surface Casing to TD
OH Logs: GR-SP-Induction, Neutron Density.

D. Formation and Completion Interval:
– Stimulation will be designed for the particular area of interest as encountered.

8. Anticipated Abnormal Pressures and Temperatures, Other Potential Hazards

No abnormal temperatures or pressures are anticipated. Maximum anticipated bottom hole pressure equals approximately 6,585 psi. Maximum anticipated bottom hole temperature is 210° F.

H2S has not been encountered in other wells drilled to similar depths in the general area.

9. Additional Information For Oil Base Mud

A. See attached diagram of well pad layout. A reserve pit will be constructed for this location. This pit will be constructed so that a minimum of two vertical feet of freeboard exists above the top of the pit at all times and at least one-half of the holding capacity will be below ground level. The pit will be lined with a synthetic reinforced liner, 0.030" (0.75 mm +/-) thick, with sufficient bedding used to cover any rocks prior to putting any fluids into the pit. The pad will be designed so that runoff from adjacent slopes does not flow into the reserve pit. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. This cuttings pit will be used for oil based cuttings generated during drilling of the production hole.

B. Oil-base mud will be mixed in the closed circulating system and transferred to one or more 400 bbl or 500 bbl tanks (as available) on location for storage

prior to and after drilling operations. Drip pans will be installed below the rotary beams on the substructure and can be viewed on site from the cellar area. As the production section of the hole is drilled, the cuttings transported to the surface with the drilling fluid will be mechanically separated from the drilling fluid as waste by two shale-shakers and then cleaned/dried via a mud cleaner and/or centrifuge. These separated cuttings will be transferred to the cuttings pit nearest the shakers and stored in this cuttings pit for solidification after the rig is released and moved off location.

C. The means to transport the cuttings from the solids control equipment to the OBM cuttings pit will be dictated by the size of the location:

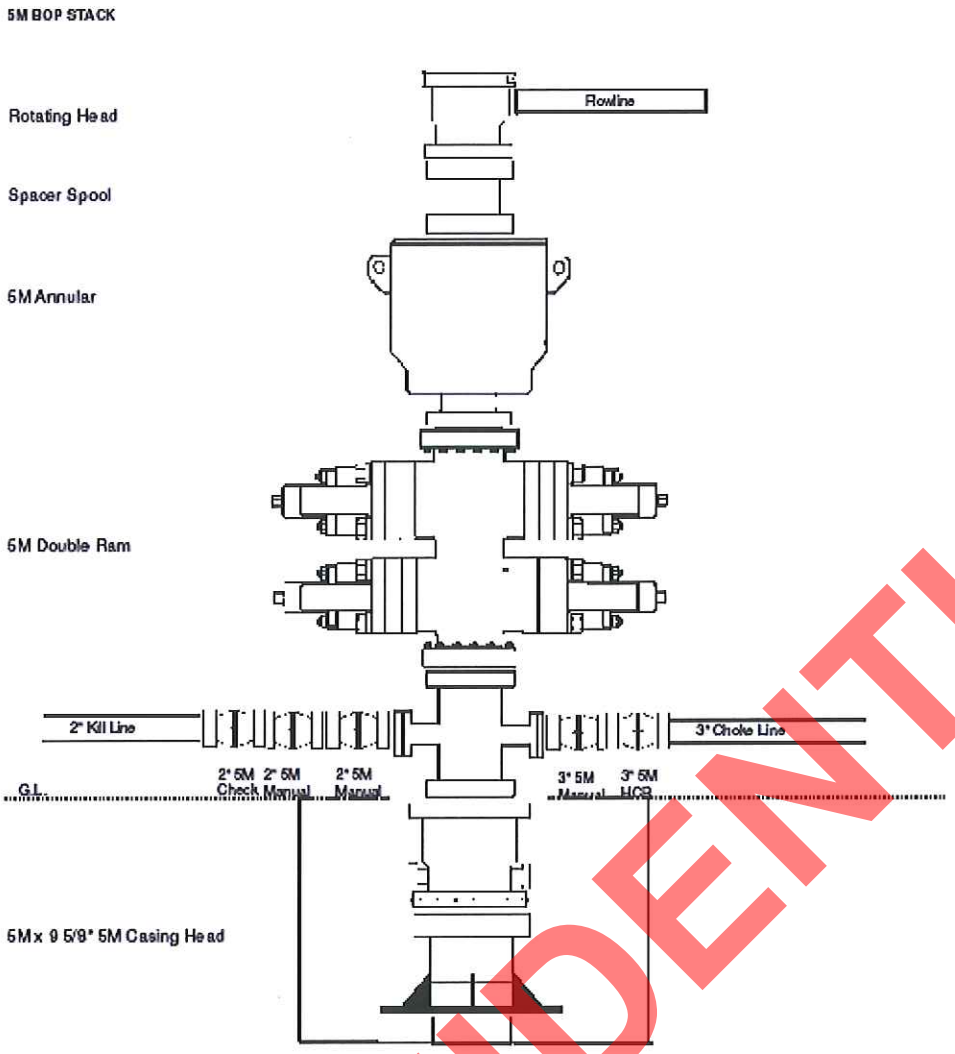
a. Option 1: By track-hoe or similar equipment from a cuttings bin to the cuttings pit.
b. Option 2: By 10" PVC pipe or equivalent steel piping. Water will be pumped to the solids control equipment and will convey the OBM cuttings from the solids control equipment to the OBM cuttings pit via the PVC pipe. The water will be recycled multiple times from the cuttings pit to continue to transport the cuttings to the cuttings pit. The conveyance system will be enclosed on the solids control end to prevent spills. The conveyance piping system at the cuttings pit end will be placed on top of pit liner to eliminate absorption of fluids into the soil.

D. Plastic material will underlay the rig, oil base mud/diesel storage tanks and mud pits. All tanks on location will be placed inside of berms. Any oily waste fluids and sediments generated at the work site during drilling operations or when cleaning the fluid containment system after drilling will also be placed into the cuttings pit.

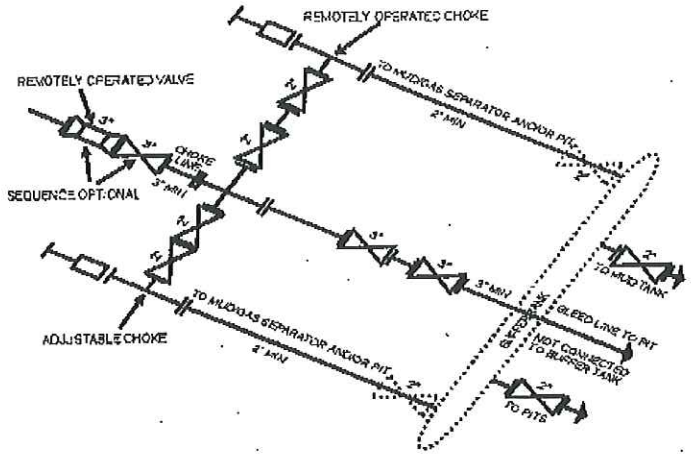
E. All rig ditches will be lined and directed to a lined sump for fluid recovery. A drip pan will be installed on the BOP stack, a mud bucket will be utilized as needed on connections and a vacuum system will be used on the rig floor for fluid recovery in those areas.

F. Once all waste has been placed in the cuttings pit and all necessary approvals obtained, the oilfield waste management consultant Soli-Bond or a similar company will mobilize equipment and personnel to the site to perform the cement based solidification/stabilization process in-situ for encapsulation. Soil will be backfilled over the processed material used on the cuttings pit and will be returned to the existing grade bordering the pit.

ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 12-27A RE (API#: 43-047-16478)



ONSHORE OIL & GAS ORDER NO. 1
QEP ENERGY COMPANY
RW 12-27A RE (API#: 43-047-16478)



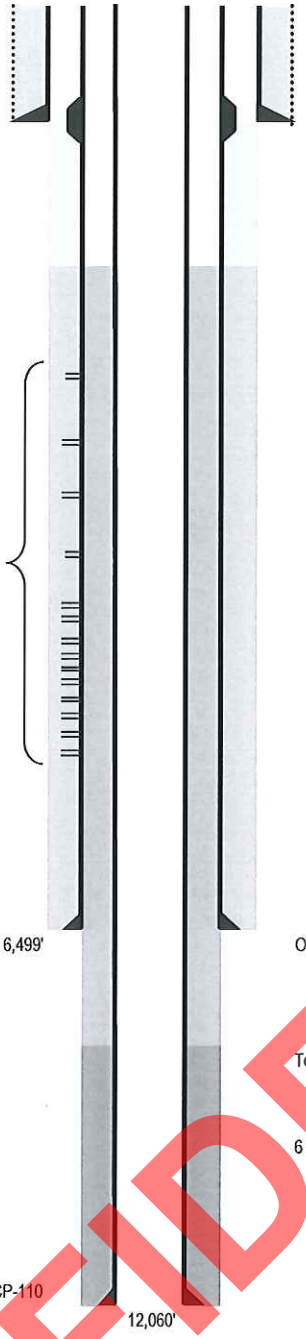
5M CHOKE MANIFOLD EQUIPMENT - CONFIGURATION OF CHOKES MAY VARY

Although not required for any of the choke manifold systems, buffer tanks are sometimes installed downstream of the choke assemblies for the purpose of manifolding the bleed lines together. When buffer tanks are employed, valves shall be installed upstream to isolate a failure or malfunction without interrupting flow control. Though not shown on 2M, 3M, 10M, OR 15M drawings, it would also be applicable to those situations.

[54 FR 39528, Sept. 27, 1989]

Updated MPG 7-21-2011

RW 12-27A RE
API# 43-047-16478
SWNW Sec 27 T7S R22E
Uintah County, Utah
KB 5,417'
GL 5,403'
Original Spud 5/23/1957



10 3/4" 40.5# J-55 Set @ 220'
7" External Casing Patch 270' (+/-). Tested to 3,000

Perfs:

Top of Production Cement at 3,000'
Top of Intermediate Cement unknown

5538-48'
5570-78'
5628-42'
5652-66'
5796-5801'
5815-22'
5841-57'
5846-52'
5869-84'
6035-43'
6134-48'
6352-63'

7" 23# J-55 Set @ 6,499'

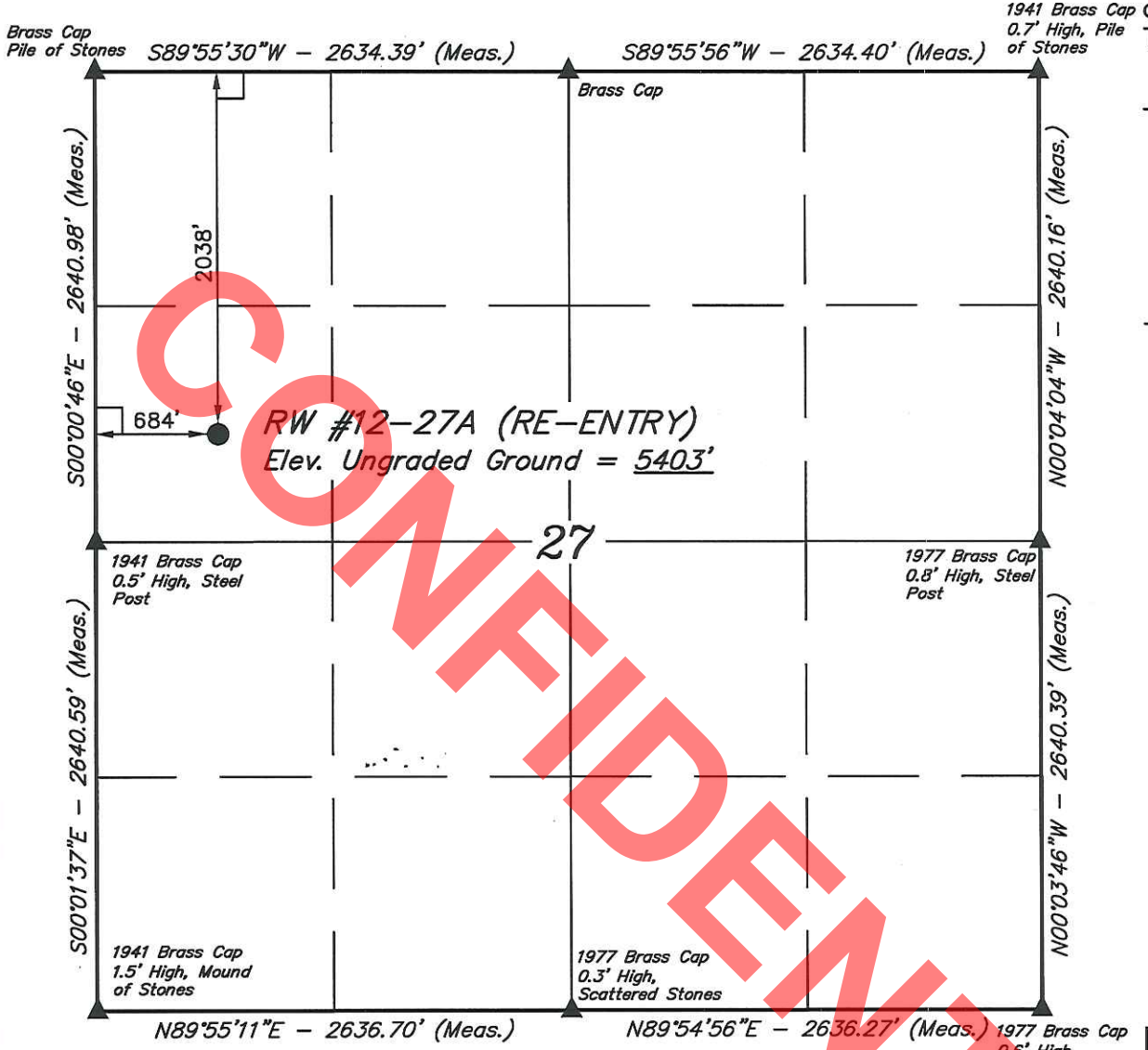
Original TD @ 6,520'

Top of Tail cmt @ 9,620'

6 1/8" OH

4 1/2" 11.6# HCP-110
12,060'

T7S, R22E, S.L.B.&M.



QEP ENERGY COMPANY

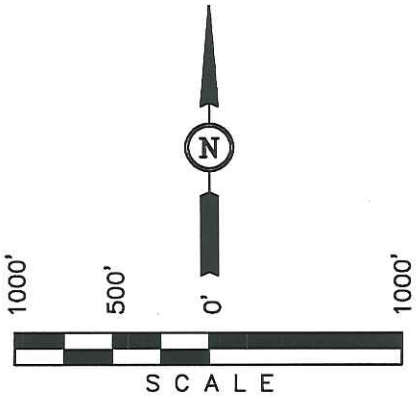
Well location, RW #12-27A (RE-ENTRY), located as shown in the SW 1/4 NW 1/4 of Section 27, T7S, R22E, S.L.B.&M., Uintah County, Utah.

BASIS OF ELEVATION

BENCH MARK 20EAM LOCATED IN THE SE 1/4 OF SECTION 35, T8S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4697 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR
REGISTRATION NO. 161319
STATE OF UTAH

07-01-11

LEGEND:

- ∟ = 90° SYMBOL
- ● = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

(NAD 83)
LATITUDE = 40°11'02.89" (40.184136)
LONGITUDE = 109°25'59.07" (109.433075)
(NAD 27)
LATITUDE = 40°11'03.02" (40.184172)
LONGITUDE = 109°25'56.60" (109.432389)

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST – VERNAL, UTAH 84078
(435) 789-1017

SCALE: 1" = 1000'	DATE SURVEYED: 06-02-11	DATE DRAWN: 06-17-11
PARTY: A.F. J.C. K.O.	REFERENCES: G.L.O. PLAT	
WEATHER: WARM	FILE: QEP ENERGY COMPANY	

API Well Number: 43047164780000

QEP ENERGY COMPANY

RW #12-27A (RE-ENTRY)

LOCATED IN UINTAH COUNTY, UTAH
SECTION 27, T7S, R22E, S.L.B.&M.

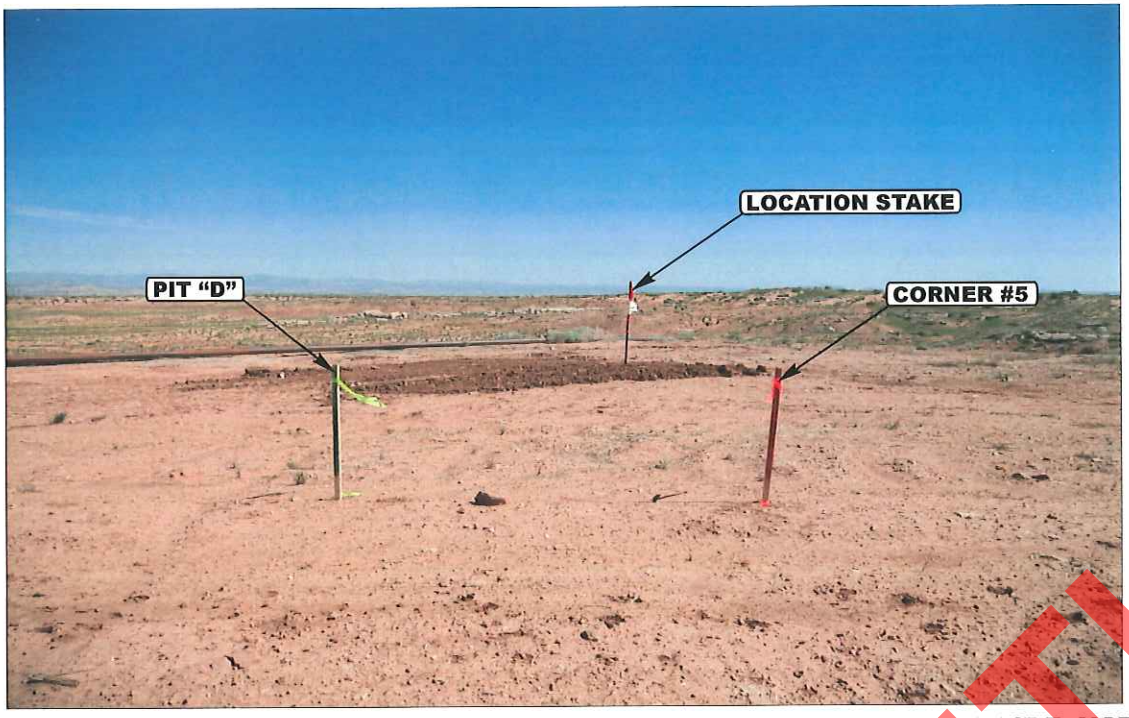


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE **CAMERA ANGLE: NORTHERLY**

PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS **CAMERA ANGLE: WESTERLY**

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LOCATION PHOTOS	06 MONTH	13 DAY	11 YEAR	PHOTO
TAKEN BY: A.F.	DRAWN BY: J.J.	REVISED: 00-00-00		

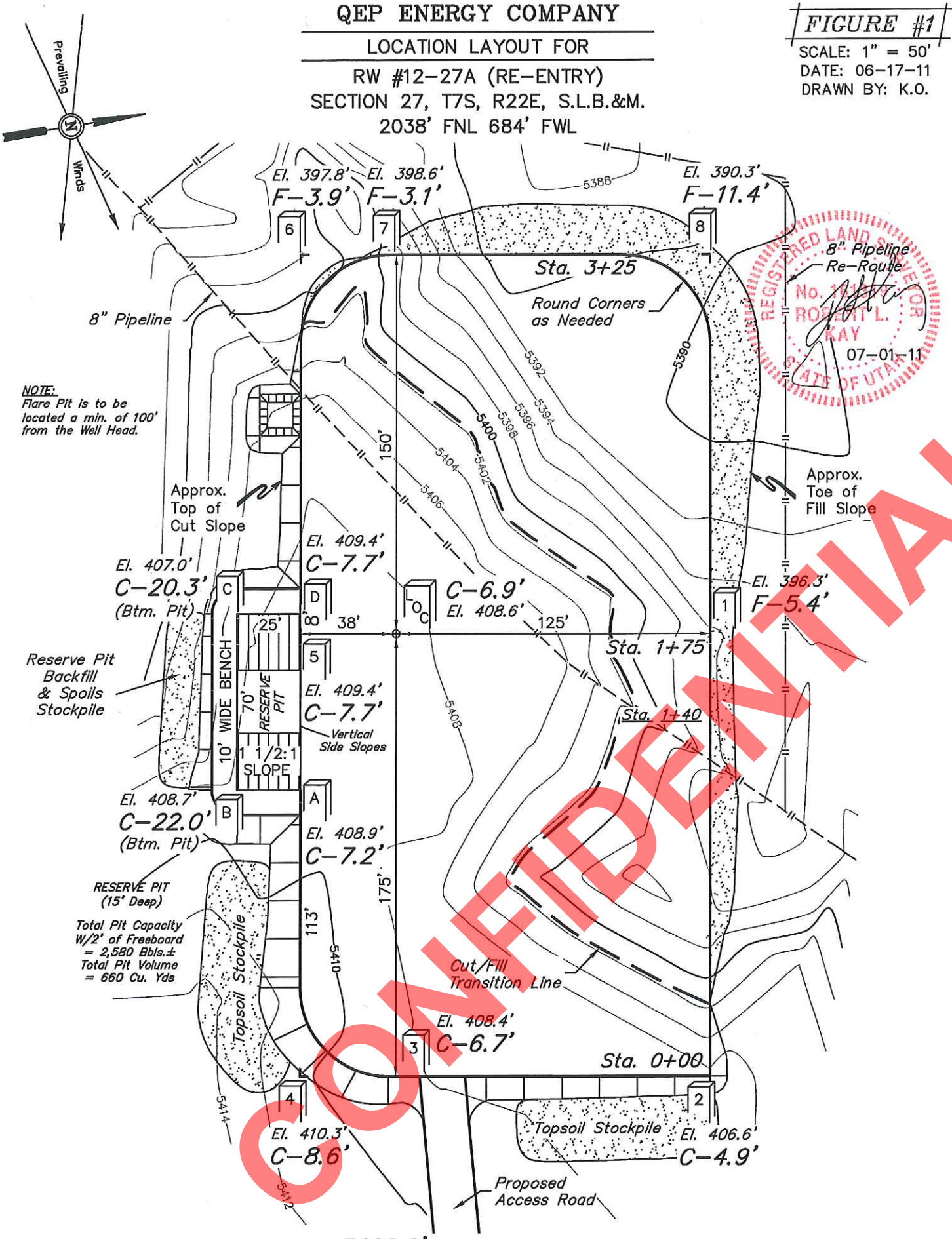
API Well Number: 43047164780000

QEP ENERGY COMPANY

LOCATION LAYOUT FOR

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

FIGURE #1
SCALE: 1" = 50'
DATE: 06-17-11
DRAWN BY: K.O.



REGISTERED LAND SURVEYOR No. 161319 ROBERT L. KAY STATE OF UTAH 07-01-11

CONFIDENTIAL

Elev. Ungraded Ground At Loc. Stake = 5408.6'
FINISHED GRADE ELEV. AT LOC. STAKE = 5401.7'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East * Vernal, Utah 84078 * (435) 789-1017

API Well Number: 43047164780000

QEP ENERGY COMPANY

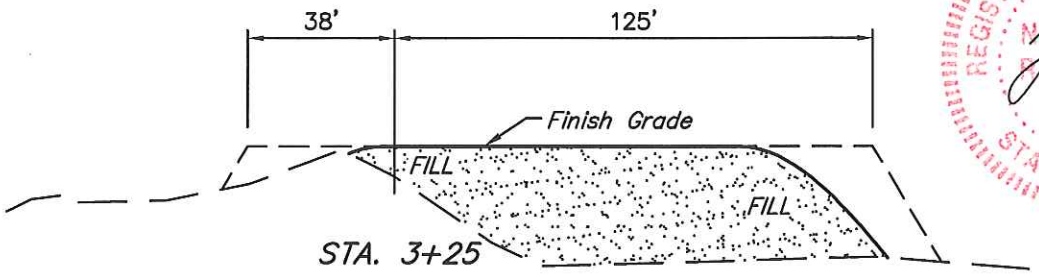
TYPICAL CROSS SECTIONS FOR

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

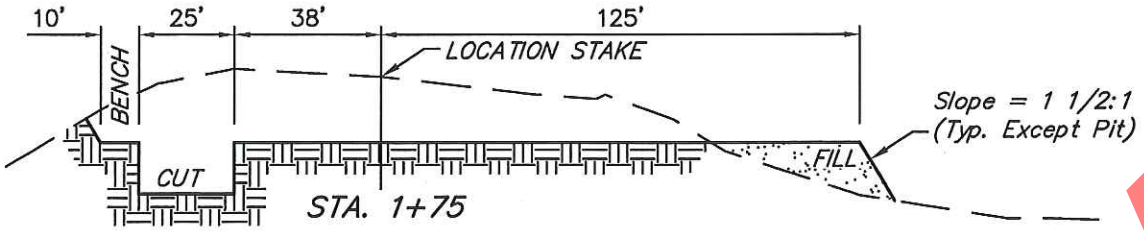
FIGURE #2

1" = 20' X-Section Scale
1" = 50'
DATE: 06-17-11
DRAWN BY: K.O.

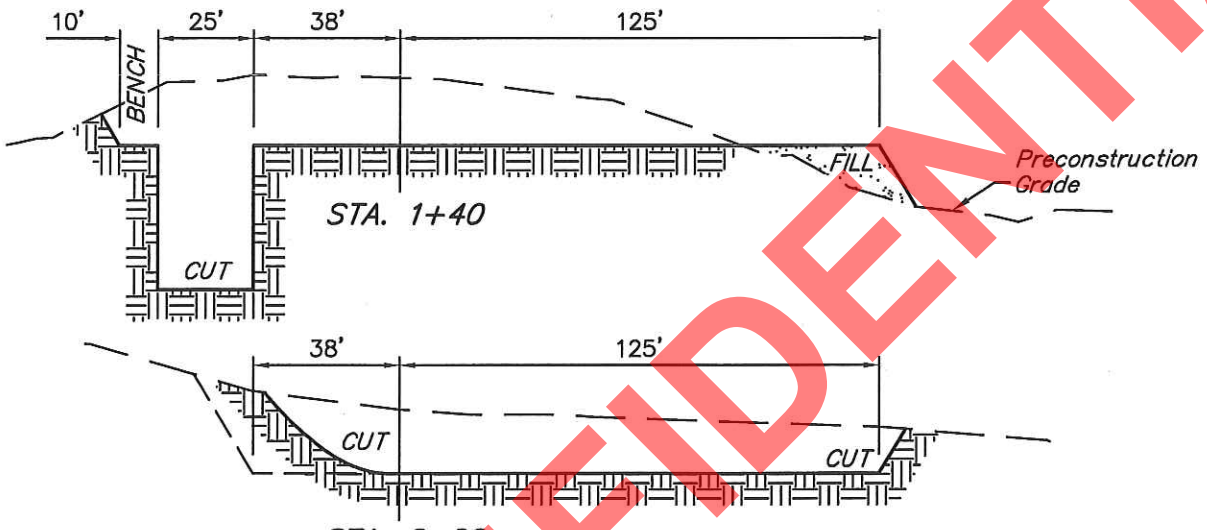
REGISTERED LAND SURVEYOR
ROBERT L. KAY
07-01-11
STATE OF UTAH



STA. 3+25



STA. 1+75



STA. 1+40

STA. 0+00

APPROXIMATE ACREAGES

WELL SITE DISTURBANCE = ± 1.642 ACRES
ACCESS ROAD DISTURBANCE = ± 1.406 ACRES
PIPELINE DISTURBANCE = ± 0.037 ACRES
TOTAL = ± 3.085 ACRES

* NOTE:
FILL QUANTITY INCLUDES
5% FOR COMPACTION

APPROXIMATE YARDAGES

(6") Topsoil Stripping	=	1,300 Cu. Yds.
Remaining Location	=	6,970 Cu. Yds.
TOTAL CUT	=	8,270 CU.YDS.
FILL	=	6,640 CU.YDS.

EXCESS MATERIAL	=	1,630 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	=	1,630 Cu. Yds.
EXCESS UNBALANCE (After Interim Rehabilitation)	=	0 Cu. Yds.

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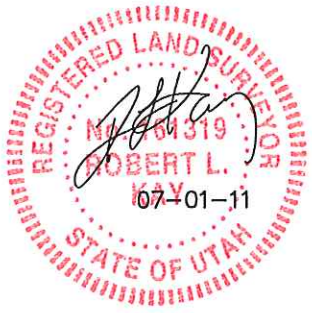
API Well Number: 43047164780000

QEP ENERGY COMPANY

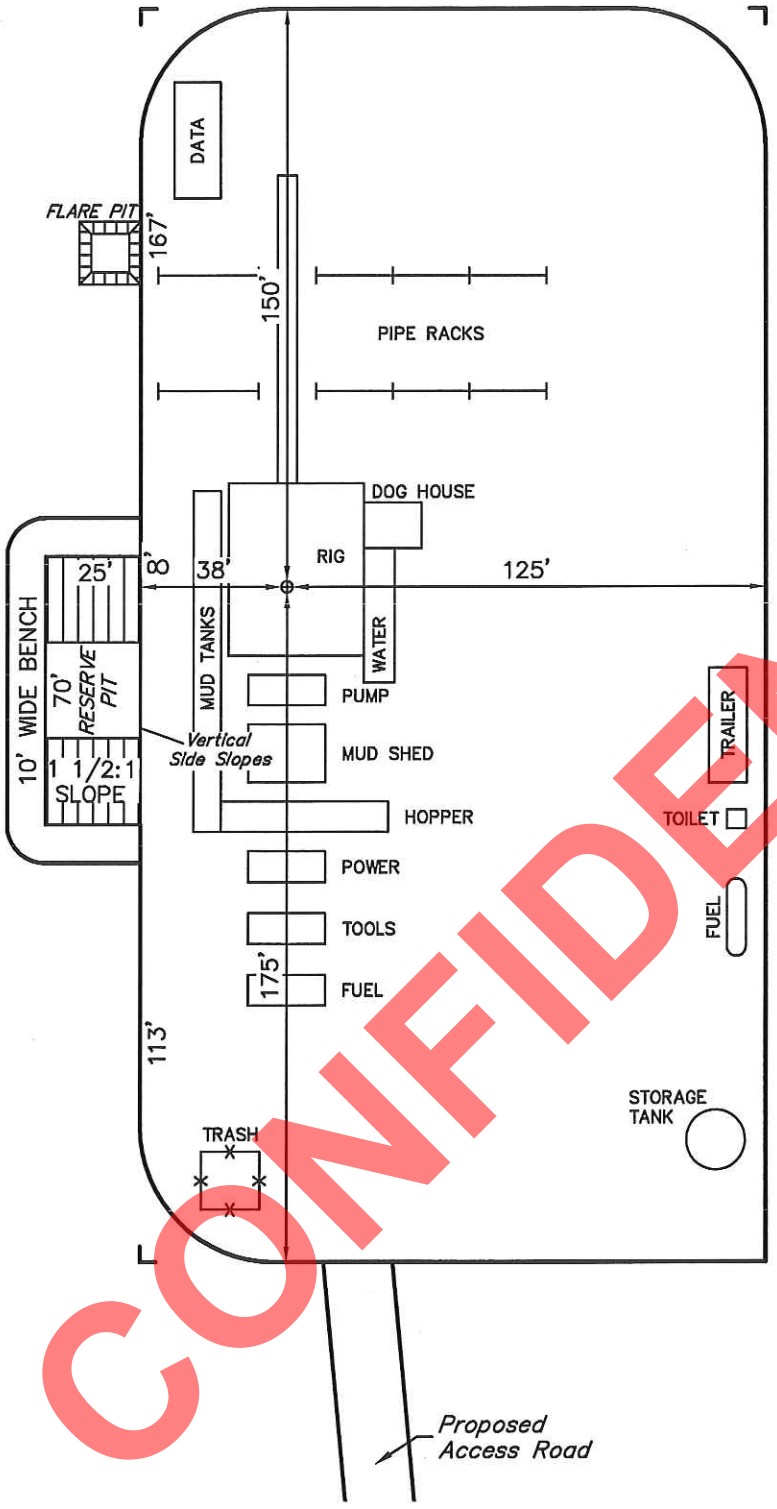
TYPICAL RIG LAYOUT FOR

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

FIGURE #3
SCALE: 1" = 50'
DATE: 06-17-11
DRAWN BY: K.O.



NOTE:
Flare Pit is to be located a min. of 100' from the Well Head.



RESERVE PIT
(15' Deep)

Total Pit Capacity
W/2' of Freeboard
= 2,580 Bbls.±
Total Pit Volume
= 660 Cu. Yds

UINTAH ENGINEERING & LAND SURVEYING
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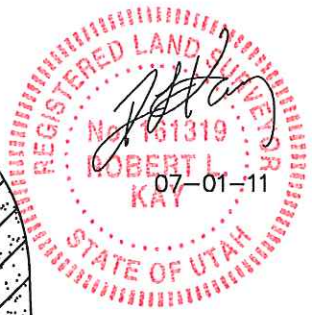
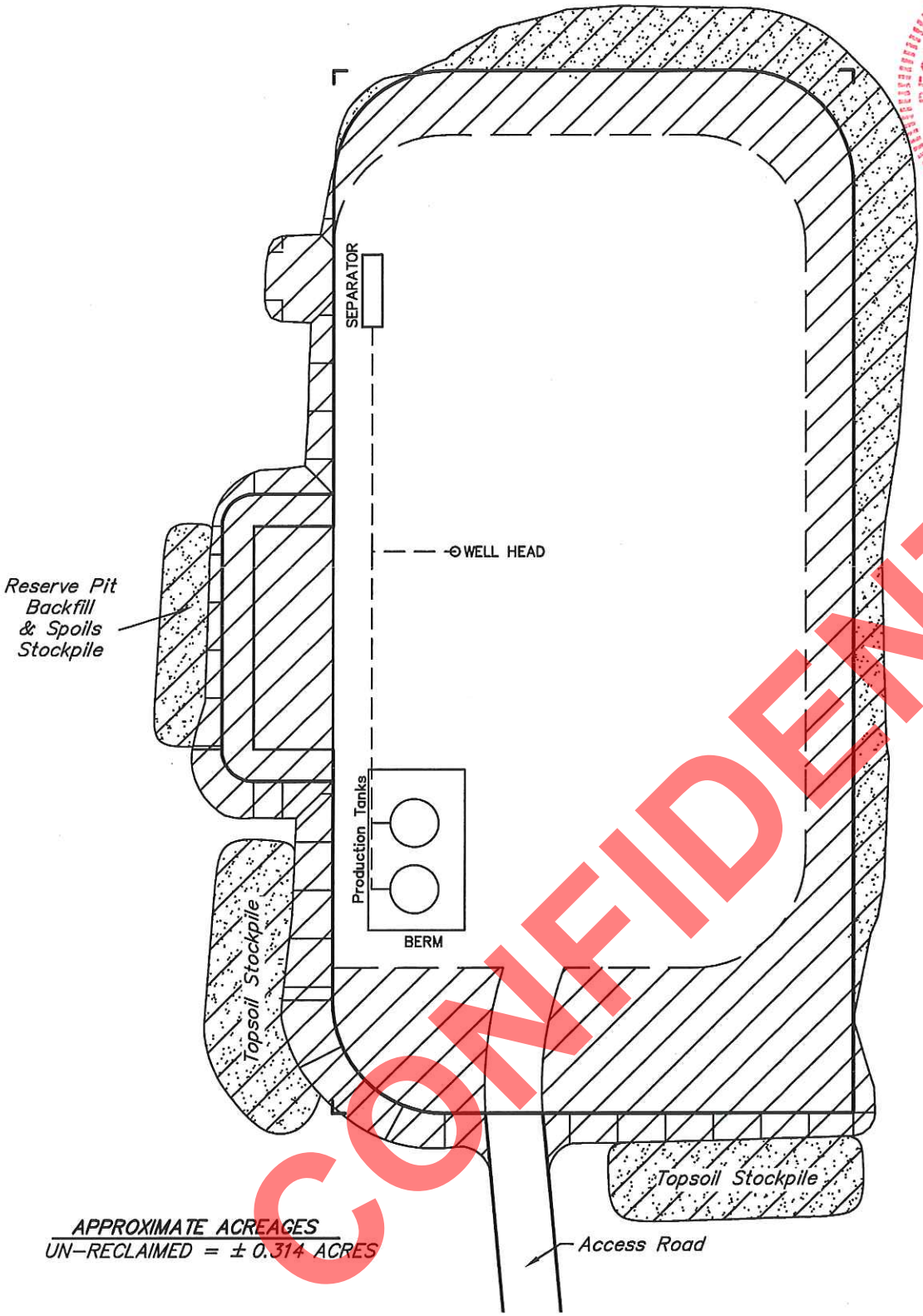
QEP ENERGY COMPANY

PRODUCTION FACILITY LAYOUT FOR

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

FIGURE #4
SCALE: 1" = 50'
DATE: 06-17-11
DRAWN BY: K.O.





APPROXIMATE ACREAGES
UN-RECLAIMED = ± 0.314 ACRES

RECLAIMED AREA

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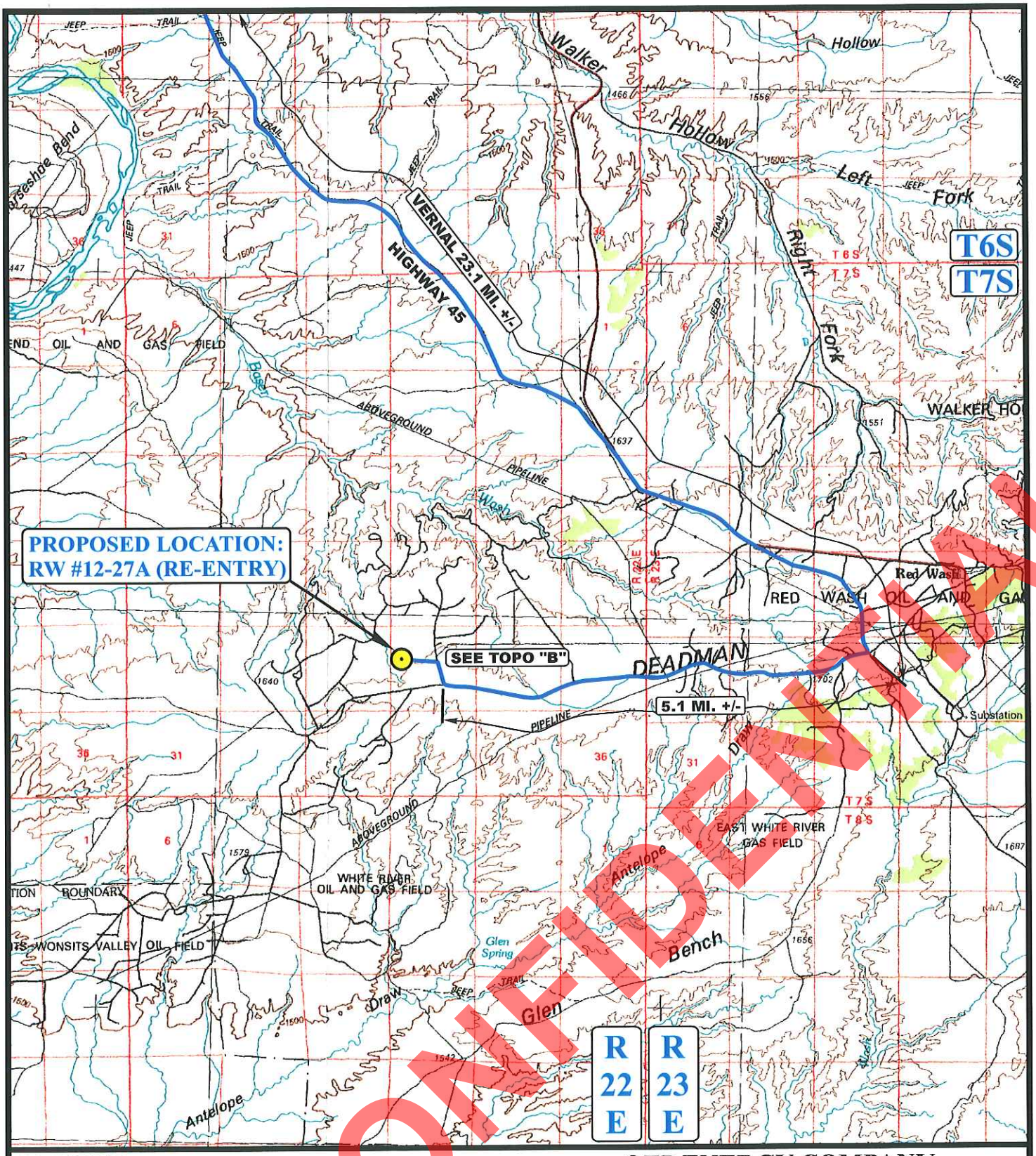
QEP ENERGY COMPANY
RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.

PROCEED IN AN EASTERLY, THEN SOUTHERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 3.9 MILES TO THE JUNCTION OF STATE HIGHWAY 45; EXIT RIGHT AND PROCEED IN A SOUTHERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 19.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 5.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHWEST; TURN RIGHT AND PROCEED IN A NORTHWESTERLY DIRECTION APPROXIMATELY 0.3 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE WEST; FOLLOW ROAD FLAGS IN A WESTERLY DIRECTION APPROXIMATELY 2,041' TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 28.9 MILES.

API Well Number: 43047164780000



LEGEND:

PROPOSED LOCATION

N

QEP ENERGY COMPANY

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

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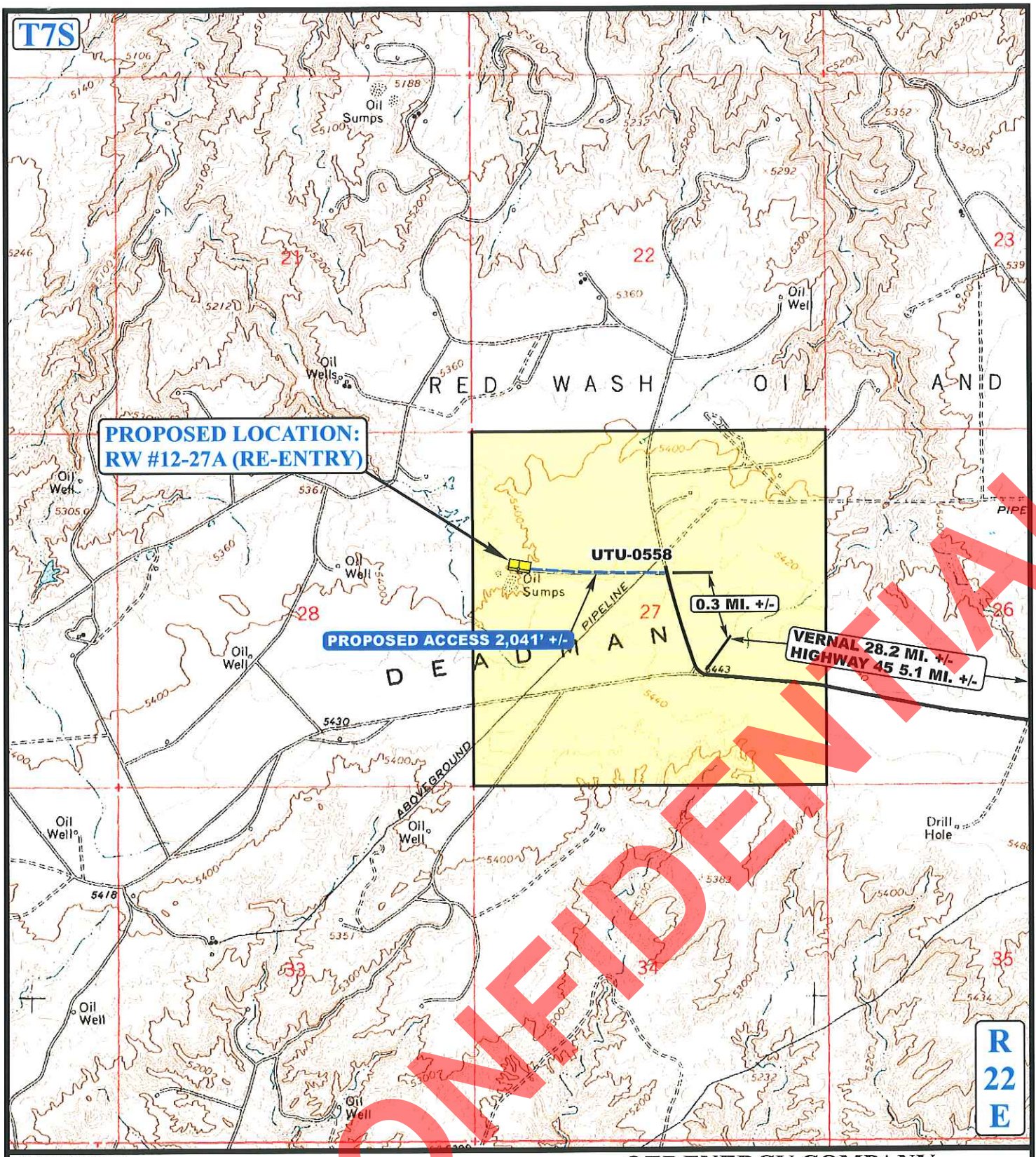
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP | 06 MONTH | 13 DAY | 11 YEAR | A TOPO

SCALE: 1:100,000 | DRAWN BY: J.J. | REVISED: 00-00-00

API Well Number: 43047164780000



LEGEND:

EXISTING ROAD

PROPOSED ACCESS ROAD

N

QEP ENERGY COMPANY

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

Uintah Engineering & Land Surveying
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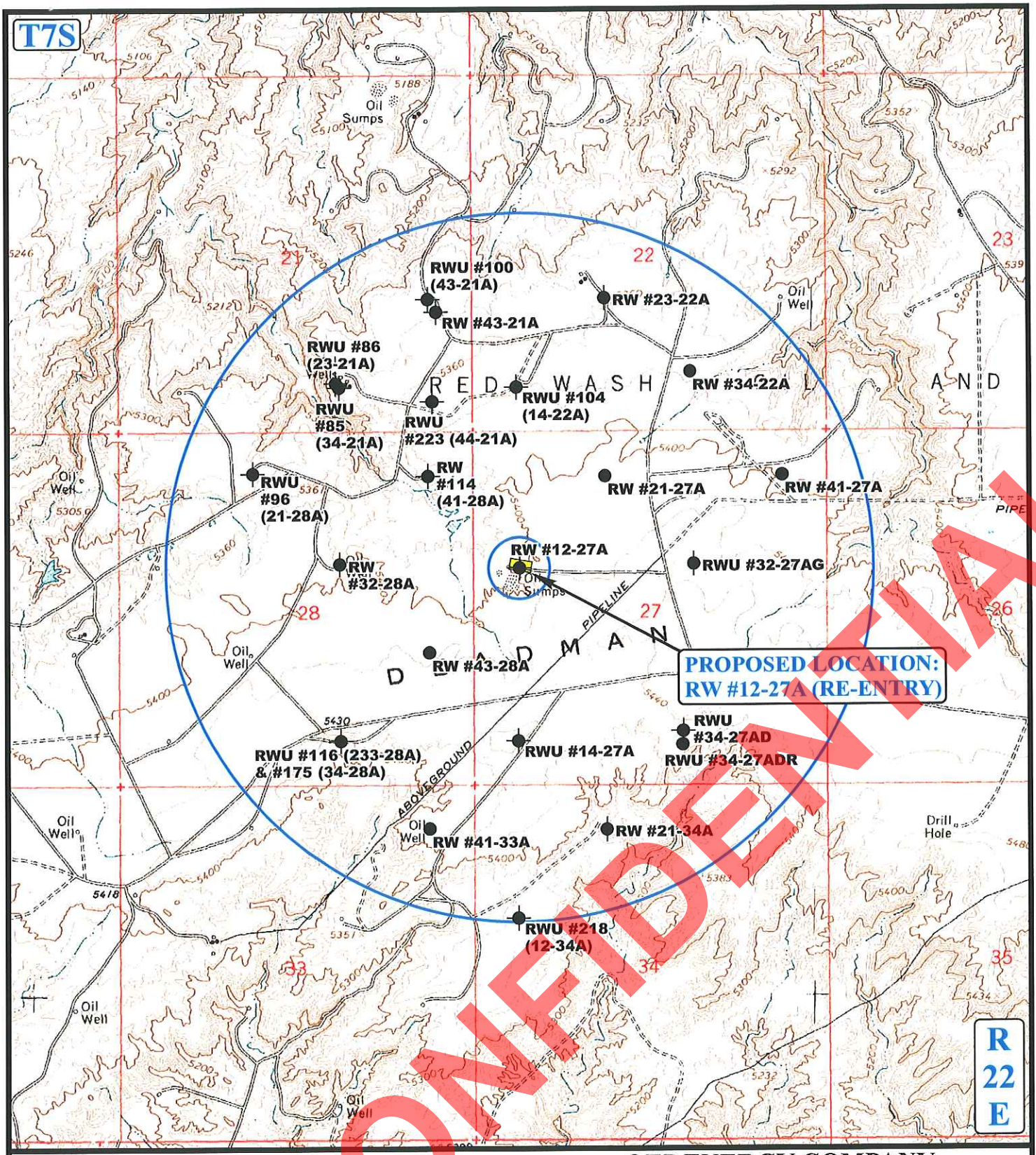
(435) 789-1017 * FAX (435) 789-1813

ACCESS ROAD MAP	06 MONTH	13 DAY	11 YEAR	B TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REVISED: 00-00-00		

API Well Number: 43047164780000



LEGEND:

- DISPOSAL WELLS
- PRODUCING WELLS
- SHUT IN WELLS
- ABANDONED WELLS
- TEMPORARILY ABANDONED

N

QEP ENERGY COMPANY

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

Uintah Engineering & Land Surveying
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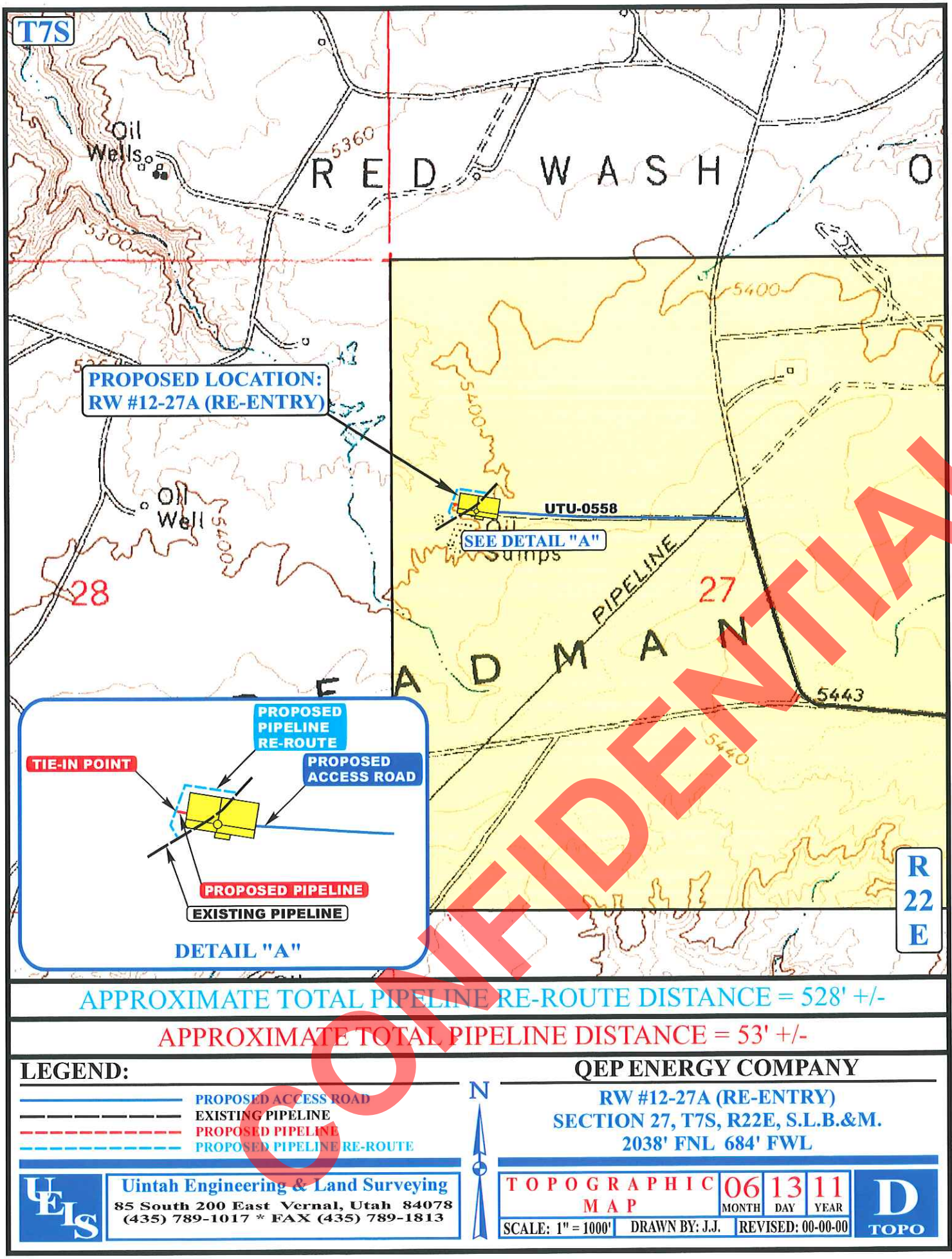
TOPOGRAPHIC MAP	06 MONTH	13 DAY	11 YEAR	C TOPO
SCALE: 1" = 2000'	DRAWN BY: J.J.	REVISED: 00-00-00		

API Well Number: 43047164780000



APPROXIMATE TOTAL PIPELINE RE-ROUTE DISTANCE = 528' +/-

APPROXIMATE TOTAL PIPELINE DISTANCE = 53' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE
- PROPOSED PIPELINE RE-ROUTE

N

QEP ENERGY COMPANY

RW #12-27A (RE-ENTRY)
SECTION 27, T7S, R22E, S.L.B.&M.
2038' FNL 684' FWL

Uintah Engineering & Land Surveying
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(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC MAP	06 MONTH	13 DAY	11 YEAR	D TOPO
SCALE: 1" = 1000'	DRAWN BY: J.J.	REVISED: 00-00-00		

QEP ENERGY COMPANY

REFERENCE MAP: AREA OF VEGETATION

RW #12-27A (RE-ENTRY)

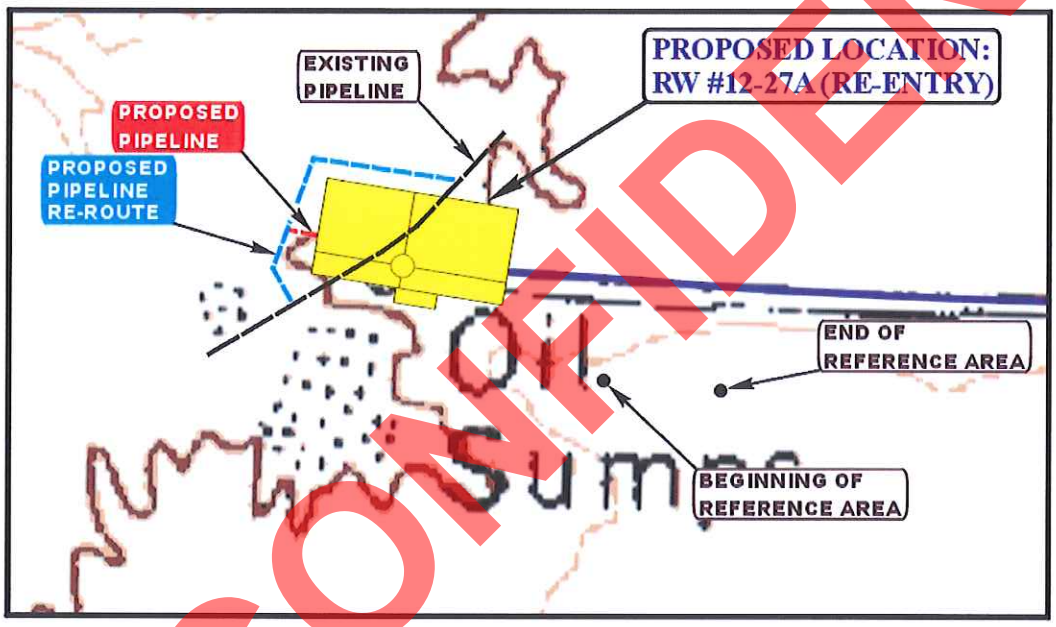
LOCATED IN UINTAH COUNTY, UTAH
SECTION 27, T7S, R22E, S.L.B.&M.

PHOTO: VIEW FROM BEGINNING OF REFERENCE AREA

NOTE:

BEGINNING OF REFERENCE AREA
UTM NORTHING: 14597467.943
UTM EASTING: 2078418.536
LATITUDE: 40.183625
LONGITUDE: -109.431817

END OF REFERENCE AREA
UTM NORTHING: 14597454.255
UTM EASTING: 2078617.466
LATITUDE: 40.183578
LONGITUDE: -109.431106



- Since 1964 -
Uintah Engineering & Land Surveying
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(435) 789-1017 * FAX (435) 789-1813

SCALE: 1" = 300'	08 MONTH	10 DAY	11 YEAR	REF.
TAKEN BY: A.F.	DRAWN BY: J.L.G.	REVISED: 00-00-00		

WEED DATA SHEET

PROJECT NAME: RW12-27A

SURVEYOR: Stephanie Tomkinson

DATE: 8-4-11

	Location GPS Coordinates	Site Description	Weed Species	Cover Class or Number	Pattern	Infestation Size (acres)
1						
2						
3						
4						
5						
6						
7						

SITE DRAWING (Optional): Include a sketch of the infestation within the project area. Count the number of individuals if possible.

Steph
Jar
Valyn
Andy
Benjamin
Ryan
Kevin
Aaron

NO NOXIOUS weeds on location.
Tamarisk off location, around pond.

*Cover Class- estimated percent cover, by species, of the infestation
- 0 = No weeds found
- 1 = Less than 1% (trace)
- 2 = One to five % (low – occasional plants)
- 3 = Six to twenty-five % (moderate – scattered plants)
- 4 = Twenty-five to 100 % (high – fairly dense)

*Pattern – pattern of the infestation
- 0 = No weeds found
- 1 = Single plant or small area of many plants
- 2 = Linear
- 3 = Patchy
- 4 = Block

*Infestation Size – number of estimated acres of the infestation
- 0 = No weeds found
- 1 = Less than one acre
- 2 = One to five acres
- 3 = five or more acres

Cheatgrass canopy cover: 4

Russian thistle canopy cover: 4

Halogeton canopy cover: 4

Kochia canopy cover: 4

Additional Operator Remarks

QEP Energy Company proposes to re-enter the existing plugged and abandoned well bore for the RW 12-27A and drill to a depth of 12,060' to test the Mesa Verde Formation. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements"

Please see Onshore Order No. 1.

Please refer to QEP Energy Company Greater Deadman Bench
EIS UT-080-2003-0369V Record of Decision dated March 31, 2008.

Please be advised that QEP Energy Company agrees to be responsible under the terms and conditions of the lease for the operations conducted upon the lease lands.

Bond coverage for this well is provided by Bond No.ESB000024. The principal is QEP Energy company via surety as consent as provided for the 43 CFR 3104.2.

QEP ENERGY COMPANY
RW 12-27A
2038' FNL 684' FWL
SWNW SECTION 27, T7S, R22E
UINTAH COUNTY, UTAH
LEASE # UTU-0558

ONSHORE ORDER NO. 1
MULTI – POINT SURFACE USE & OPERATIONS PLAN

An onsite inspection was conducted for the RW 12-27A on July 21, 2011. Weather conditions were cloudy at the time of the onsite. In attendance at the inspection were the following individuals:

Kevin Sadlier	Bureau of Land Management
Aaron Roe	Bureau of Land Management
Melissa Wardle	Bureau of Land Management
Jan Nelson	QEP Energy Company
Ryan Angus	QEP Energy Company
Valyn Davis	QEP Energy Company
Bob Haygood	QEP Energy Company
Andy Floyd	Uintah Engineering & Land Surveying

1. Existing Roads:

The proposed well site is approximately 29 miles South of Vernal, Utah.

Refer to Topo Maps A and B for location of access roads within a 2 – mile radius.

All existing roads will be maintained and kept in good repair during all phases of operation.

2. Planned Access Roads:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

There will be a new access road approximately 2,041' in length, containing approximately 1.406 acres. The access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30'. Any additional disturbance required due to intersections or sharp curves will be discussed at the on-site and approved by the BLM/VFO AO. Graveling or capping the roadbed will be performed as necessary to provide a well constructed safe road. Should conditions warrant, rock, gravel or culverts will be installed as needed. Surface disturbance and vehicular traffic will be limited to the approved location and access route or, as proposed by the Operator.

Access roads and surface disturbing activities will conform to standards outlined in the BLM and Forest Service publication: Surface Operating Standards for Oil and

gas Exploration and Development, Fourth Edition 2006.The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches and culverts will be kept clear and free-flowing and will be maintained according to original construction standards. The access road disturbed area will be kept free of trash during operations. All traffic will be confined to the approved road running surface. Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause excess siltation or accumulation of debris in the drainage nor shall the drainage be blocked by the roadbed. If culverts are needed, the location and size of the culverts will be proposed during the on-site. The operator will clean and maintain approved culverts as needed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, the holes shall be filled in and detours around the holes avoided. When snow is removed from the road during the winter months, the snow should be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

Refer to Topo Map B for the location of the proposed access road.

3. Location of Existing Wells Within a 1 – Mile Radius:

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

The following guidelines will apply if the well is productive.

A containment dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks). These dikes will be constructed of compacted impervious subsoil; hold 110% of the capacity of the largest tank; and, be independent of the back cut. If a Spill Prevention, Control, and Countermeasure (SPCC) Plan is required by the Environmental Protection Agency, the containment dike may be expanded to meet SPCC requirements with approval by the BLM/VFO AO. The specific APD will address additional capacity if such is needed due to environmental concerns. The use of topsoil for the construction of dikes will not be allowed.

All loading lines will be placed inside the berm surrounding the tank batteries.

All permanent (on site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a color approved by the State.

It was determined on the onsite by the BLM VFO AO that the facilities will be painted Covert Green.

Refer to Topo Map D for the location of the proposed pipeline.
The proposed surface pipeline will be constructed utilizing existing disturbed areas to minimize surface disturbance. No construction activities will be allowed outside of the proposed pipeline.

Prior to construction, the Permittee will develop a plan of installation to minimize surface disturbance. Pipe will be strung along the pipeline route with either a flatbed trailer and rubber tired backhoe or a tracked typed side boom. Where surface conditions do not allow the pipe to be strung using conventional methods, the Permittee will utilize pull sections to run the fabricated pipe through the area from central staging areas along the pipeline route.

Upon completion of stringing activities the Permittee will fabricate the pipeline on wooden skids adjacent to the centerline of the pipeline route using truck mounted welding machines. All fabricated piping will be lowered off of the wooden skids and placed along the centerline. Upon completion of all activities, the wooden skids will be removed from the pipeline route using a flatbed truck or flatbed truck and trailer.

When the surface terrain prohibits the Permittee from safely installing the pipeline along the pipeline route, grading of the route will be required. Prior to installing the pipeline in these areas a plan will be developed to safely install the pipeline while minimizing grading activities and surface disturbances. Additionally, erosion control Best Management Practices will be installed as needed prior to the start of any grading activities. Surface grading will be limited to what is needed to safely install the pipeline. Track type bulldozers and track type backhoes will be utilized for grading activities.

Upon completion of the pipeline installation, the pipeline route will be restored to the pre-disturbance surface contours.

The existing pipe line will be re-routed to the north side of the pad in order to run a safe operation. The proposed pipeline re-route will be approximately 528' in length, containing approximately .363 acres.

The proposed pipeline will be a surface 10" or smaller, 53' in length, containing .036 acres.

Road Crossings

Fusion Bond or concrete coated pipe will be used for all road crossings to alleviate future corrosion.

All pipe and fittings used for road crossings will be prefabricated within the proposed pipeline route to minimize the duration of open pipe trench across the roadway. Pipe used for road crossings will be isolated on each end with a flange set and insulation kit and cathodically protected with a magnesium type anode. Adequately sized equipment will be used for minor and major road crossings. Depth of cover for minor roads will be >4' and the depth of cover for major roads will be >6'.

Prior to lowering the pipe in the trench, the Permittee will "Jeep" the pipe to locate and repair any Holidays in the pipe coating. Upon lowering the pipe in the trench, 6" of bedding and a minimum of 6" of shading will be installed to protect the pipe using either native soils <1" in diameter or imported sand. Pipe trenches that extend across gravel roads will be backfilled with native soils to within 8" of the driving surface and capped with 3/4" road base. Pipe trenches that extend across asphalt paved roads will be backfilled to 4" of the driving surface with 3/4" road base and capped asphalt material.

5. Location and Type of Water Supply:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Water for drilling purposes would be obtained from Wonsits Valley Water Right # A 36125 (which was filed on May 7, 1964) or Red Wash Water Right # 49-2153 (which was filed on March 25, 1960). It was determined by the Fish and Wildlife Service that any water right number filed before 1989 is not depleting to the Upper Colorado River System.

6. Source of Construction Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

The use of materials under BLM jurisdiction will conform with 43 CFR 3610.2-3.

7. Methods of Handling Waste Materials:

Please refer to QEP Energy Company Greater Deadman Bench EIS UTU-080-200-0369V Record of Decision dated March 31, 2008.

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids including salts and chemicals will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be used at the next drill site or will be removed and disposed of at an approved waste disposal facility within 6 months after drilling is terminated. Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Unless specified in the site specific APD, the reserve pit will be constructed on the location and will not be located within natural drainages, where a flood hazard exists or surface runoff will or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

It will be determined at the on-site inspection if a pit liner is necessary, the reserve pit will be lined with a synthetic reinforced liner, a minimum of 20 millimeters thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place.

No trash or scrap will be disposed of in the pit.

Reserve pit leaks are considered an undesirable event and will be orally reported to the AO.

After first production, produced wastewater will be confined to the approved pit or storage tank for a period not to exceed 90 days.

After the 90 day period, the produced water will be contained in tanks on location and then hauled by truck to one of the following pre-approved disposal sites:

Red Wash Disposal well located in the SESE, Section 28, T7S, R23E,
West End Disposal located in the NESE, Section 28, T7S, R22E.

Produced water, oil, and other byproducts will not be applied to roads or well pads for the control of dust or weeds. The dumping of produced fluids on roads, well sites, or other areas will not be allowed.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site. The spills will be reported to the AO and other authorities as appropriate.

A chemical porta-toilet will be furnished with the drilling rig. The chemical porta-toilet wastes will be hauled to Ashley Valley Sewer and Water System for disposal.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. Trash will not be burned on location. All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig. All trash and waste material will be hauled to the Uintah County Landfill.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling, testing, or completing of wells. Furthermore, extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will not be used, produced, stored, transported, or disposed of in association with the drilling, testing, or completing of wells within these areas. Specific APD's shall address any modifications from this policy.

8. Ancillary Facilities:

None anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram rig orientation, parking areas, and access roads, as well as the location of the following:

The reserve pit.

The stockpiled topsoil will not be used for facility berms. All brush removed from the well pad during construction will be stockpiled with topsoil.

The flare pit or flare box will be located downwind from the prevailing wind direction.

Any drainage that crosses the well location will be diverted around the location by using ditches, water diversion drains or berms. If deemed necessary at the on-site, erosion drains may be installed to contain sediments that could be produced from access roads and well locations.

A pit liner is required. A felt pit liner will be required if bedrock is encountered.

10. Fencing Requirements:

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet. All wire shall be stretched using a stretching device before it is attached to corner posts.

The reserve pit will be fenced on three (3) sides during drilling operations. The fourth side will be put in place when the rig moves off location. The pit will be

fenced and maintained until it is backfilled. If drilling operations does not commence within 3 days, the fourth side of the fence will be installed.

11. Plans for Reclamation of the Surface:

Please refer to QEP Energy Company Uinta Basin Division Reclamation Plan

Site Specific Procedures:

Site Specific Reclamation Summary:

Reclamation will follow Questar Exploration and Production Company, Uinta Basin Division's Reclamation Plan, September 2009 (Questar's Reclamation Plan) and the BLM Green River District Reclamation Guidelines.

All trash and debris will be removed from the disturbed area.

The disturbed area will be backfilled with subsoil.

Topsoil will be spread to an even, appropriate depth and disked if needed.

Water courses and drainages will be restored.

Erosion control devices will be installed where needed.

Seeding will be done in the fall, prior to ground freeze up.

Seed mix will be submitted to a BLM AO for approval prior to seeding.

Monitoring and reporting will be conducted as stated in Questar's Reclamation Plan. A Weed Data Sheet and Reference Site have been established and are included in this application.

It was determined and agreed upon that there is 4" inches of top soil.

12. Surface Ownership:

Bureau of Land Management
170 South 500 East
Vernal, Utah 84078
(435) 781-4400

13. Other Information:

A Class III archaeological survey was conducted by Montgomery Archaeology Consultants. A copy of this report was submitted on July 26, 2011, **Moac Report No. 11-184** by Montgomery Archaeology Consultants. Cultural resource clearance was recommended for this location.

A Class III paleontological survey was conducted by Intermountain Paleo Consulting. A copy of this report was submitted on August 30, 2011 **IPC # 11-101**

by Stephen D. Sandau. Due to the number of fossils discovered in and around the proposed well pad, access roads, and pipelines, it is recommended that a permitted paleontologist be present to monitor the beginning of the construction process and conduct a spot monitor thereafter as paleontological conditions merit. QEP Energy Company will provide Paleo monitor for this project.

Per the onsite on July 21, 2011, the following items were requested/ discussed.

There is a Burrowing Owl Stipulation from March 1 to August 31. No construction or drilling will commence during this period unless otherwise determined by a wildlife biologist that the site is inactive.

Lessee's or Operator's Representative & Certification:

Valyn Davis
Regulatory Affairs Analyst
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078
(435) 781-4369

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

QEP Energy Company is considered to be the operator of the subject well. QEP Energy Company agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

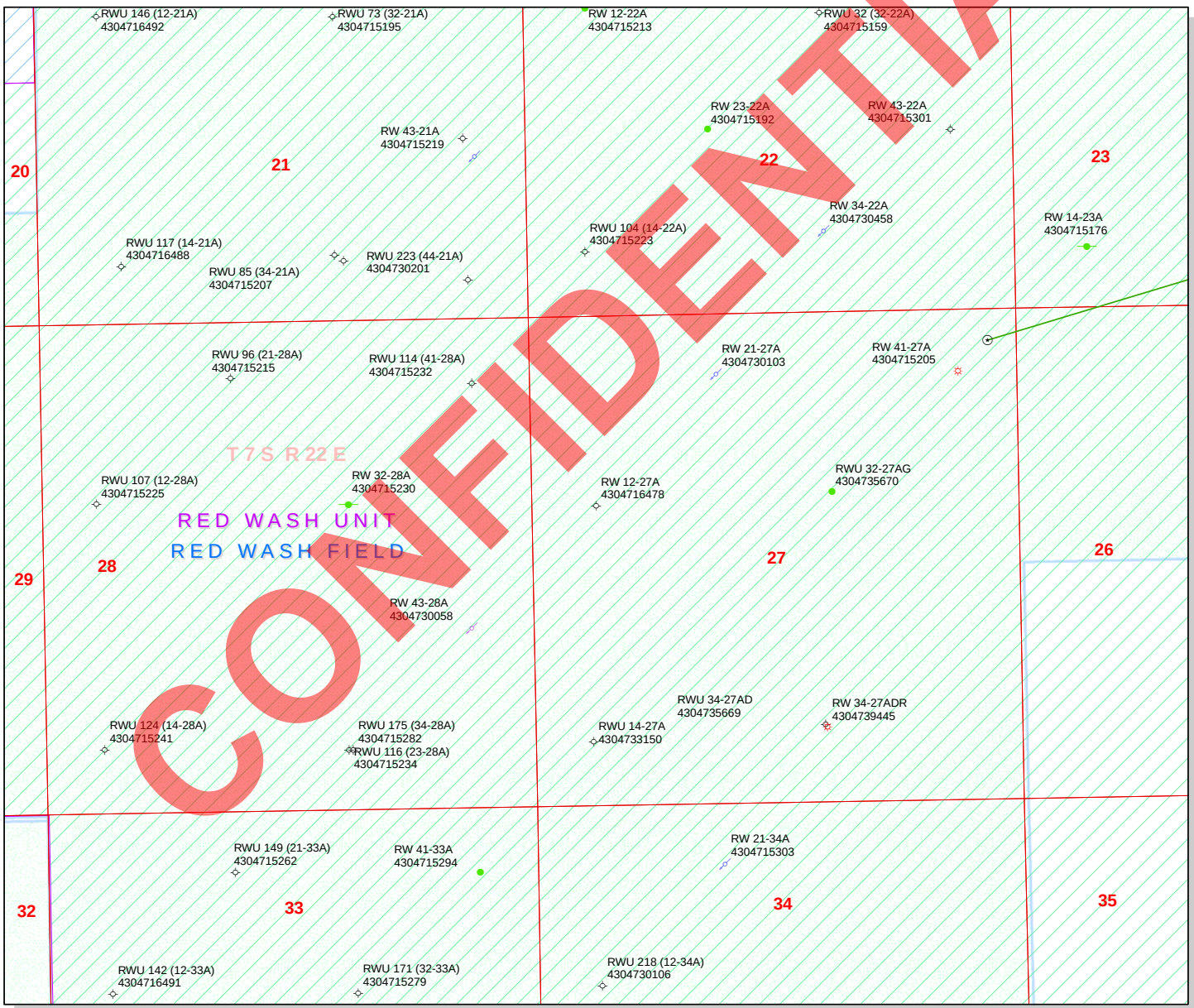
Bond coverage pursuant to 43 CFR 3104.2 for lease activities is being provided by Bond No. ESB000024

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that I have full knowledge of the State and Federal laws applicable to this operations; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Valyn Davis — 9/12/2011

Valyn Davis — Date

API Well Number: 43047164780000



API Number: 4304716478

Well Name: RW 12-27A

Township T0.7 . Range R2.2 . Section 27

Meridian: SLBM

Operator: QEP ENERGY COMPANY

Map Prepared:
Map Produced by Diana Mason

Units
STATUS
ACTIVE
EXPLORATORY
GAS STORAGE
NF PP OIL
NF SECONDARY
PI OIL
PP GAS
PP GEOTHERML
PP OIL
SECONDARY
TERMINATED

Fields
STATUS
Unknown
ABANDONED
ACTIVE
COMBINED
INACTIVE
STORAGE
TERMINATED
Sections
Township

Wells Query
Status
APD - Aproved Permit
DRL - Spuded (Drilling Commenced)
GIW - Gas Injection
GS - Gas Storage
LA - Location Abandoned
LOC - New Location
OPS - Operation Suspended
PA - Plugged Abandoned
PGW - Producing Gas Well
POW - Producing Oil Well
RET - Returned APD
SGW - Shut-in Gas Well
SOW - Shut-in Oil Well
TA - Temp. Abandoned
TW - Test Well
WDW - Water Disposal
WIW - Water Injection Well
WSW - Water Supply Well

1,400 700 0 1,400 Feet

1:13,324

RECEIVED: September 16, 2011

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:
3160
(UT-922)

September 16, 2011

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2011 Plan of Development Red Wash Unit, Uintah County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2011 within the Red Wash Unit, Uintah County, Utah.

API #	WELL NAME	LOCATION
(Proposed PZ MESA VERDE)		
43-047-15240	RWU 43-13A	Sec 13 T07S R22E 1934 FSL 0670 FEL *
43-047-15245	RWU 32-23A	Sec 23 T07S R22E 1981 FNL 1982 FEL *
43-047-15279	RWU 32-33A	Sec 33 T07S R22E 1976 FNL 1977 FEL *
43-047-16478	RWU 12-27A	Sec 27 T07S R22E 2038 FNL 0684 FWL *
43-047-51938	RWU 12A2-28B	Sec 28 T07S R23E 2375 FSL 0860 FWL
43-047-51939	RWU 13D2-24A	Sec 24 T07S R22E 0347 FSL 0821 FWL
43-047-51940	RWU 14D3-24A	Sec 24 T07S R22E 0394 FSL 2320 FWL
43-047-51948	RWU 24-30B	Sec 30 T07S R23E 0821 FSL 1441 FWL

* Re-entry of abandoned Green River well.

This office has no objection to permitting the wells at this time.

Michael L. Coulthard

Digitally signed by Michael L. Coulthard
DN: cn=Michael L. Coulthard, o=Bureau of Land Management, ou=Branch of Minerals, email=Michael_Coulthard@blm.gov, c=US
Date: 2011.09.16 13:38:14 -06'00'

bcc: File - Red Wash Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:9-16-11

RECEIVED: September 16, 2011

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 9/12/2011
API NO. ASSIGNED: 43047164780000
WELL NAME: RW 12-27A
OPERATOR: QEP ENERGY COMPANY (N3700)
PHONE NUMBER: 435 781-4369
CONTACT: Valyn Davis

PROPOSED LOCATION: SWNW 27 070S 220E
Permit Tech Review: ☑

SURFACE: 2038 FNL 0684 FWL
Engineering Review: ☐

BOTTOM: 2038 FNL 0684 FWL
Geology Review: ☑

COUNTY: UINTAH
LATITUDE: 40.18414
LONGITUDE: -109.43233
UTM SURF EASTINGS: 633462.00
NORTHINGS: 4449164.00
FIELD NAME: RED WASH
LEASE TYPE: 1 - Federal
LEASE NUMBER: UTU0558
PROPOSED PRODUCING FORMATION(S): MESA VERDE
SURFACE OWNER: 1 - Federal
COALBED METHANE: NO

RECEIVED AND/OR REVIEWED:

- ☑ **PLAT**
- ☑ **Bond:** FEDERAL - ESB000024
- ☐ **Potash**
- ☐ **Oil Shale 190-5**
- ☐ **Oil Shale 190-3**
- ☐ **Oil Shale 190-13**
- ☑ **Water Permit:** A-36125/ 49-2153
- ☐ **RDCC Review:**
- ☐ **Fee Surface Agreement**
- ☐ **Intent to Commingle**

Commingling Approved

LOCATION AND SITING:

- ☐ **R649-2-3.**

Unit: RED WASH

- ☐ **R649-3-2. General**
- ☐ **R649-3-3. Exception**
- ☑ **Drilling Unit**

Board Cause No: Cause 187-07
Effective Date: 9/18/2001
Siting: Suspends General Siting

- ☐ **R649-3-11. Directional Drill**

Comments: Presite Completed
610101 FR P0160:700928 FR P0179:700929 CONV WIW:701009 COMM WIW:000823 OP FR N0210 EFF 1-1-00: 030916 OP FR N4235:NM FR RWU 61 (12-27A):OP FR N2460:

Stipulations: 4 - Federal Approval - dmason

RECEIVED: September 20, 2011

GARY R. HERBERT
Governor
GREGORY S. BELL
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

Permit To Drill

****

Well Name: RW 12-27A
API Well Number: 43047164780000
Lease Number: UTU0558
Surface Owner: FEDERAL
Approval Date: 9/20/2011

Issued to:
QEP ENERGY COMPANY, 11002 East 17500 South, Vernal, Ut 84078

Authority:
Pursuant to Utah Code Ann. §40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 187-07. The expected producing formation or pool is the MESA VERDE Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

Duration:
This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

General:
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

Conditions of Approval:
State approval of this well does not supercede the required federal approval, which must be obtained prior to drilling.

Notification Requirements:
The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well – contact Carol Daniels at 801-538-5284 (please leave a voicemail message if not available)
  OR
  submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website at http://oilgas.ogm.utah.gov

Reporting Requirements:
All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) – due within 5 days of spudding the well
- Monthly Status Report (Form 9) – due by 5th day of the following calendar month

API Well No: 43047164780000

- Requests to Change Plans (Form 9) – due prior to implementation
- Written Notice of Emergency Changes (Form 9) – due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) – due prior to implementation
- Report of Water Encountered (Form 7) – due within 30 days after completion
- Well Completion Report (Form 8) – due within 30 days after completion or plugging

Approved By:

For John Rogers
Associate Director, Oil & Gas

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

5.LEASE DESIGNATION AND SERIAL NUMBER:
UTU0558

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME:
RED WASH

1. TYPE OF WELL
Water Injection Well

8. WELL NAME and NUMBER:
RW 12-27A

2. NAME OF OPERATOR:
QEP ENERGY COMPANY

9. API NUMBER:
43047164780000

3. ADDRESS OF OPERATOR:
11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER:
303 308-3068 Ext

9. FIELD and POOL or WILDCAT:
RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE:
2038 FNL 0684 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:
Qtr/Qtr: SWNW Section: 27 Township: 07.0S Range: 22.0E Meridian: S

COUNTY:
UINTAH

STATE:
UTAH

11.
CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/20/2013	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
☐ SPUD REPORT Date of Spud:	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: September 27, 2012

By: 

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE		**DATE**
N/A		9/20/2012

RECEIVED: Sep. 20, 2012

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047164780000

API: 43047164780000
Well Name: RW 12-27A
Location: 2038 FNL 0684 FWL QTR SWNW SEC 27 TWNP 070S RNG 220E MER S
Company Permit Issued to: QEP ENERGY COMPANY
Date Original Permit Issued: 9/20/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Valyn Davis **Date:** 9/20/2012
Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

RECEIVED: Sep. 20, 2012

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5.LEASE DESIGNATION AND SERIAL NUMBER: UTU0558

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7.UNIT or CA AGREEMENT NAME: RED WASH

1. TYPE OF WELL Water Injection Well

8. WELL NAME and NUMBER: RW 12-27A

2. NAME OF OPERATOR: QEP ENERGY COMPANY

9. API NUMBER: 43047164780000

3. ADDRESS OF OPERATOR: 11002 East 17500 South , Vernal, Ut, 84078

PHONE NUMBER: 303 308-3068 Ext

9. FIELD and POOL or WILDCAT: RED WASH

4. LOCATION OF WELL
FOOTAGES AT SURFACE: 2038 FNL 0684 FWL
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWNW Section: 27 Township: 07.0S Range: 22.0E Meridian: S

COUNTY: UINTAH

STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
✓ NOTICE OF INTENT Approximate date work will start: 9/20/2014	☐ ACIDIZE	☐ ALTER CASING	☐ CASING REPAIR
☐ SUBSEQUENT REPORT Date of Work Completion:	☐ CHANGE TO PREVIOUS PLANS	☐ CHANGE TUBING	☐ CHANGE WELL NAME
	☐ CHANGE WELL STATUS	☐ COMMINGLE PRODUCING FORMATIONS	☐ CONVERT WELL TYPE
	☐ DEEPEN	☐ FRACTURE TREAT	☐ NEW CONSTRUCTION
	☐ OPERATOR CHANGE	☐ PLUG AND ABANDON	☐ PLUG BACK
☐ SPUD REPORT Date of Spud:	☐ PRODUCTION START OR RESUME	☐ RECLAMATION OF WELL SITE	☐ RECOMPLETE DIFFERENT FORMATION
	☐ REPERFORATE CURRENT FORMATION	☐ SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
	☐ TUBING REPAIR	☐ VENT OR FLARE	☐ WATER DISPOSAL
☐ DRILLING REPORT Report Date:	☐ WATER SHUTOFF	☐ SI TA STATUS EXTENSION	✓ APD EXTENSION
	☐ WILDCAT WELL DETERMINATION	☐ OTHER	OTHER:

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

QEP ENERGY COMPANY HEREBY REQUESTS A ONE YEAR EXTENSION FOR THE APD ON THE ABOVE CAPTIONED WELL.

Approved by the Utah Division of Oil, Gas and Mining

Date: September 18, 2013

By:

NAME (PLEASE PRINT)	PHONE NUMBER	TITLE
Valyn Davis	435 781-4369	Regulatory Affairs Analyst
SIGNATURE N/A		**DATE** 9/18/2013

RECEIVED: Sep. 18, 2013

The Utah Division of Oil, Gas, and Mining

- State of Utah
- Department of Natural Resources

Electronic Permitting System - Sundry Notices

Request for Permit Extension Validation Well Number 43047164780000

API: 43047164780000
Well Name: RW 12-27A
Location: 2038 FNL 0684 FWL QTR SWNW SEC 27 TWNP 070S RNG 220E MER S
Company Permit Issued to: QEP ENERGY COMPANY
Date Original Permit Issued: 9/20/2011

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision. Following is a checklist of some items related to the application, which should be verified.

- **If located on private land, has the ownership changed, if so, has the surface agreement been updated?** ○ **Yes** ◉ **No**
- **Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location?** ○ **Yes** ◉ **No**
- **Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well?** ○ **Yes** ◉ **No**
- **Have there been any changes to the access route including ownership, or rightof- way, which could affect the proposed location?** ○ **Yes** ◉ **No**
- **Has the approved source of water for drilling changed?** ○ **Yes** ◉ **No**
- **Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation?** ○ **Yes** ◉ **No**
- **Is bonding still in place, which covers this proposed well?** ◉ **Yes** ○ **No**

Signature: Valyn Davis **Date:** 9/18/2013
Title: Regulatory Affairs Analyst **Representing:** QEP ENERGY COMPANY

RECEIVED: Sep. 18, 2013

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Green River District
Vernal Field Office
170 South 500 East
Vernal, UT 84078
http://www.blm.gov/ut/st/en/fo/vernal.html

MAY 14 2014

IN REPLY REFER TO:
3160 (UTG011)

Jan Nelson
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

43 047 16478

Re: Request to Return APD
Well No. RW 12-27A
SWNW, Sec. 27, T7S, R22E
Uintah County, Utah
Lease No. UTU-0558
Red Wash Unit

Dear Jan:

The Application for Permit to Drill (APD) for the above referenced well received in this office on September 15, 2011, is being returned unapproved per your request to this office in an email message to Land Law Examiner Robin R. Hansen received on April 23, 2014. If you intend to drill at this location at a future date, a new APD must be submitted.

If you have any questions regarding APD processing, please contact Robin R. Hansen at (435) 781-3428.

Sincerely,

/s/ Jerry Kenczka

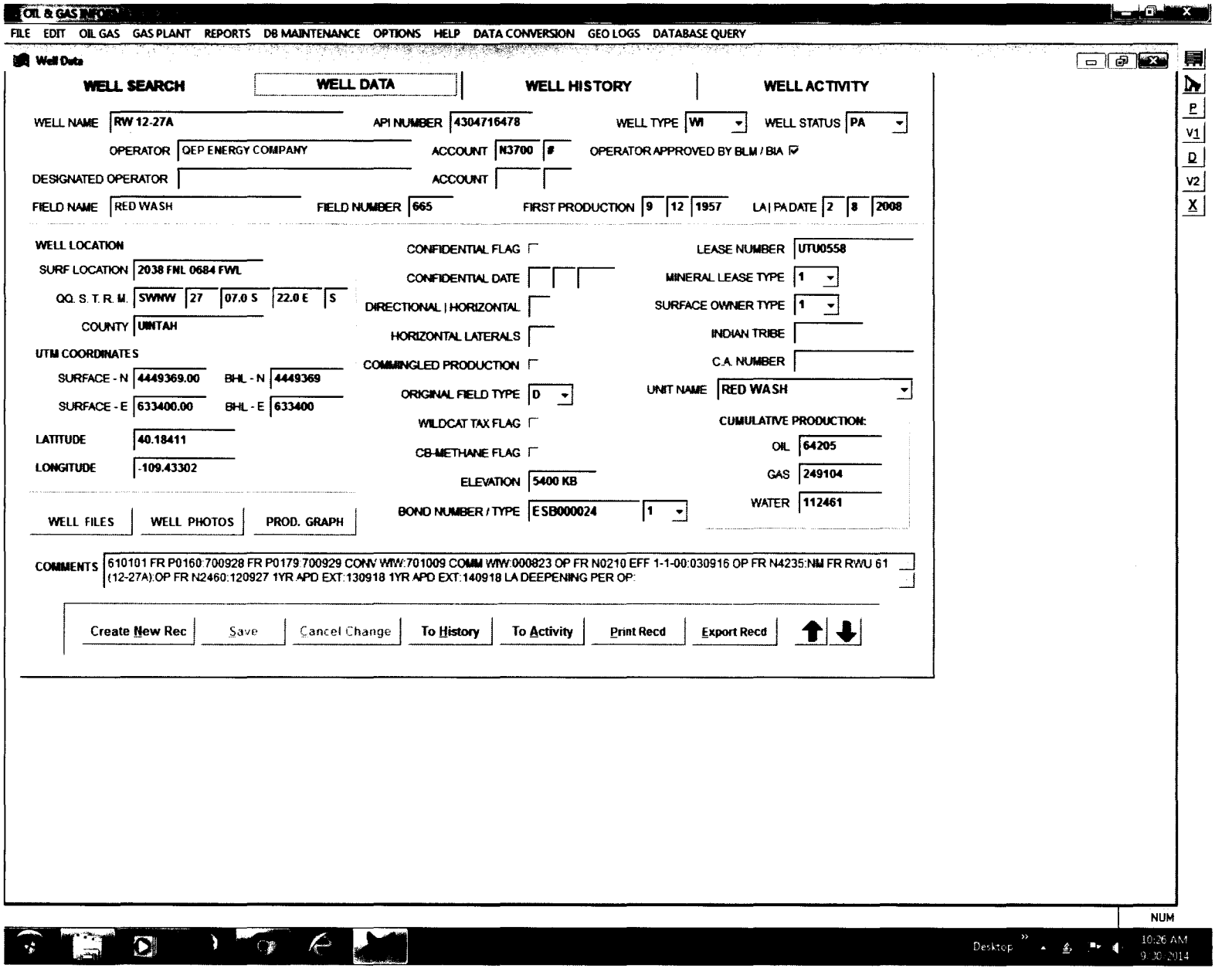
Jerry Kenczka
Assistant Field Manager
Lands & Resource Minerals

Enclosures

cc: UDOGM

bcc: Well File

RECEIVED
MAY 21 2014
DIV. OF OIL, GAS & MINING


OIL & GAS INFO
FILE EDIT OIL GAS GAS PLANT REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION GEO LOGS DATABASE QUERY
Well Data
WELL SEARCH
WELL DATA
WELL HISTORY
WELL ACTIVITY
WELL NAME RW 12-27A
API NUMBER 4304716478
WELL TYPE WI
WELL STATUS PA
OPERATOR QEP ENERGY COMPANY
ACCOUNT N3700 #
OPERATOR APPROVED BY BLM / BIA
DESIGNATED OPERATOR
ACCOUNT
FIELD NAME RED WASH
FIELD NUMBER 665
FIRST PRODUCTION 9 12 1957
LA | PA DATE 2 8 2008
WELL LOCATION
SURF LOCATION 2038 FNL 0684 FWL
QQ. S. T. R. M. SWNW 27 07.0 S 22.0 E S
COUNTY UINTAH
UTM COORDINATES
SURFACE - N 4449369.00
BHL - N 4449369
SURFACE - E 633400.00
BHL - E 633400
LATITUDE 40.18411
LONGITUDE -109.43302
CONFIDENTIAL FLAG
CONFIDENTIAL DATE
DIRECTIONAL | HORIZONTAL
HORIZONTAL LATERALS
COMMINGLED PRODUCTION
ORIGINAL FIELD TYPE D
WILDCAT TAX FLAG
CB-METHANE FLAG
ELEVATION 5400 KB
BOND NUMBER / TYPE ESB000024 1
LEASE NUMBER UTU0558
MINERAL LEASE TYPE 1
SURFACE OWNER TYPE 1
INDIAN TRIBE
C.A. NUMBER
UNIT NAME RED WASH
CUMULATIVE PRODUCTION:
OIL 64205
GAS 249104
WATER 112461
WELL FILES
WELL PHOTOS
PROD. GRAPH
COMMENTS 610101 FR P0160:700928 FR P0179:700929 CONV WIW:701009 COMM WIW:000823 OP FR N0210 EFF 1-1-00:030916 OP FR N4235:NM FR RWU 61 (12-27A):OP FR N2460:120927 1YR APD EXT:130918 1YR APD EXT:140918 LA DEEPENING PER OP:
Create New Rec
Save
Cancel Change
To History
To Activity
Print Recd
Export Recd
P
V1
D
V2
X
NUM
Desktop
10:26 AM
9/30/2014

GARY R. HERBERT
Governor
SPENCER J. COX
Lieutenant Governor

State of Utah
DEPARTMENT OF NATURAL RESOURCES
MICHAEL R. STYLER
Executive Director
Division of Oil, Gas and Mining
JOHN R. BAZA
Division Director

September 25, 2014

Valyn Davis
QEP Energy Company
11002 East 17500 South
Vernal, UT 84078

RE: APDs Rescinded for QEP Energy Company, Uintah County, Utah

Dear Ms. Davis:

As requested, attached is a list of the APD's that the Division of Oil, Gas and Mining "the Division" has rescinded. No drilling activity at these locations has been reported to the Division. Therefore, approval to drill these wells is hereby rescinded, effective September 18, 2014.

New APD's must be filed with this office for approval prior to the commencement of any future work on the subject locations.

If any previously unreported operations have been performed on these well locations, it is imperative that you notify the Division immediately.

Sincerely,

Lisha Cordova

Lisha Cordova
Environmental Scientist

LC
Attachment: (1)
cc: Well File
Bureau of Land Management, Vernal

1594 West North Temple, Suite 1210, PO Box 145801, Salt Lake City, UT 84114-5801
telephone (801) 538-5340 • facsimile (801) 359-3940 • TTY (801) 538-7458 • *www.ogm.utah.gov*

UTAH DNR OIL, GAS & MINING

43-047-15245- RW 32-23A (DEEPENING)
43-047-15279- RW 32-33A (DEEPENING)
43-047-16478- RW 12-27A (DEEPENING)
43-047-40360- NBZ 10D-29-8-24
43-047-40361- NBZ 8D-29-8-24
43-047-40362- NBZ 14D-29-8-24
43-047-40363- NBZ 16D-29-8-24
43-047-40364- NBZ 12D-29-8-24
43-047-40365- NBZ 13D-30-8-24
43-047-38659- WVX 1MU-18-8-21
43-047-38660- WVX 9MU-18-8-21
43-047-38661- GH 8G-18-8-21
43-047-38664- WV 2ML-24-8-21

[redacted]

Diana Mason <dianawhitney@utah.gov>

Rescind APD's

Valyn Davis <Valyn.Davis@qepres.com> Thu, Sep 18, 2014 at 12:54 PM
To: "dianawhitney@utah.gov" <dianawhitney@utah.gov>

Hi Diana-

Hope you are doing well ☺.

Can you please rescind the following APD's:

43-047-15245- RW 32-23A

43-047-15279- RW 32-33A

43-047-16478- RW 12-27A

43-047-40360- NBZ 10D-29-8-24

43-047-40361- NBZ 8D-29-8-24

43-047-40362- NBZ 14D-29-8-24

43-047-40363- NBZ 16D-29-8-24

43-047-40364- NBZ 12D-29-8-24

43-047-40365- NBZ 13D-30-8-24

43-047-38659- WVX 1MU-18-8-21

43-047-38660- WVX 9MU-18-8-21

43-047-38661- GH 8G-18-8-21

43-047-38664- WV 2ML-24-8-21

Thank you-

Valyn

Valyn Davis

QEP Energy Company

Regulatory Affairs Analyst

435-781-4369 Office

435-828-1058 Cell

valyn.davis@qepres.com